Appendix 2: User Requirements Questionnaire

User Requirements Questionnaire:

1. Do you use a mobile application to track your walks? If no, would you?

2. Do you use this app to track your dog walks as well as your personal walks?

3. Do you use a mobile application to track your mood/your dog's mood? If no, would you?

4. Would you use an app which combines the two above? Or would you rather these be separate?

5. Would you rather a separate app for your personal walks, or an app which combines both your dog walks and personal walks?

6. Out of the following features, please tick those you would find useful

Collection:

- Tracking your walks viewing a tracked route of your walk
- Tracking how you felt during those walks AND your perception of your dog's mood
 - o On a scale from 1-5
 - Range of emotions such as happy / sad / excited
- Attaching images to each walk log to capture memories of the walk
- Inputting a diary style text entry for the walk, detailing how you found the walk

Feedback

- View previous walks, how you were feeling on previous walks. This could be viewed in several types of views... e.g. each day, week, month.
- Be able to see what moods related to each walk.
 - o E.g. when you are at the beach.. you and your dog tend to be excited.
- Recommendations on walks based off previous walks according to emotions
 - E.g. Try out walking through Roath park today... as when you are near a lake you tend to be happy!

- A goals feature set up personalised goals for your dog
 - o E.g. walk 10,000 steps with your dog each day
- Sharing details of walks with friends
 - A sharing feature to be able to show your friends the route you took, how long it took you and how many steps were taken
- Audio feedback throughout walk
 - o Through audio be able to get alerts when you have walked 1 mile, 2 miles etc
- A community based feature sharing walks, commenting on friends walks, suggesting routes
- 7. What would you be interested in seeing regarding each walk?
 - Daily/weekly/monthly
 - o Steps
 - Distance

- Overview of moods (both human and dog)
- Previous walks/routes
- Goals achieved
- 8. Which of the following would you rather use to describe each walk?

Example 1:

"It was a great walk today! We went to the beach and met up with friends. We walked with Sarah and her dog Max."

Example 2:

Selecting from a range of emojis such as the following to describe the walk:



Selecting from a range of icons to describe where the walk was and what you did:











9. Do you think you would be more likely to walk your dog/record your emotions through the use of an app like which is proposed?

User Requirements Questionnaire Results:

| 1. | Do you use a | mobile an | polication to | track your | walks? If no. | would v | /ou? |
|----|--------------|------------|---------------|--------------|----------------|-----------|---------|
| | Do you ase a | THOOMIC UP | piication to | ti acit your | wants. II IIO, | vv cara y | Julia . |

4 – yes 4 – no – ¾ of these would

Yes – mapmywalk No Yes

No, but yes

Yes

Yes

No, but yes

No but I would

2. Do you use this app to track your dog walks as well as your personal walks?

3 - yes

4 - NA

1 - No

Yes

NA

No NA

Voc

Yes - automatically as it tracks all

NA

NA

3. Do you use a mobile application to track your mood/your dog's mood? If no, would you?

1 – yes 5 – no but would like to 2 – no

No but I would

No but would like to

No but would do

No

No but I would

No, but I would

No

I do, I use my notes app for the vets (keep tabs on how the dog is doing)

4. Would you use an app which combines the two above? Or would you rather these be separate?

7 - combined

1 – separate

Combines

Combined

App that does these together

Separate

App that does these together

Combined

Combined

Together

5. Would you rather a separate app for your personal walks, or an app which combines both your dog walks and personal walks?

7 – separate 1 – combined

Separate
Separate
App that does these together
Separate
Separate
Separate – more dog friendly view
Separate
Separate

6. Out of the following features, please tick those you would find useful

Collection:

- Tracking your walks viewing a tracked route of your walk (8/8)
- Tracking how you felt during those walks AND your perception of your dog's mood
 - o On a scale from 1-5 (2/8)
 - Range of emotions such as happy / sad / excited (6/8)
- Attaching images to each walk log to capture memories of the walk (8/8)
- Inputting a diary style text entry for the walk, detailing how you found the walk
 (6/8)

Feedback

- View previous walks, how you were feeling on previous walks. This could be viewed in several types of views... e.g. each day, week, month. (8/8)
- Be able to see what moods related to each walk. (8/8)
 - o E.g. when you are at the beach.. you and your dog tend to be excited.
- Recommendations on walks based off previous walks according to emotions (7/8) –
 a lot of people impressed with these, several stars beside it with wanting this
 feature
 - E.g. Try out walking through Roath park today... as when you are near a lake you tend to be happy!

- A goals feature set up personalised goals for your dog (8/8)
 - o E.g. walk 10,000 steps with your dog each day
- Sharing details of walks with friends (7/8)
 - A sharing feature to be able to show your friends the route you took, how long it took you and how many steps were taken
- Audio feedback throughout walk (2/8)
 - o Through audio be able to get alerts when you have walked 1 mile, 2 miles etc
- A community based feature sharing walks, commenting on friends walks, suggesting routes (1/8)
- 7. What would you be interested in seeing regarding each walk?
 - Daily/weekly/monthly (8/8)

- o Steps
- Distance
- Overview of moods (both human and dog)
- Previous walks/routes (8/8)
- Goals achieved (8/8)
- 8. Which of the following would you rather use to describe each walk?

 Majority prefer emojis over text however to give ability to provide text too good idea

Example 1: (3/8)

"It was a great walk today! We went to the beach and met up with friends. We walked with Sarah and her dog Max."

Example 2: (6/8)

Selecting from a range of emojis such as the following to describe the walk:



Selecting from a range of icons to describe where the walk was and what you did:











9. Do you think you would be more likely to walk your dog/record your emotions through the use of an app like which is proposed?

All would be more likely to go on dog walks and record emotive experiences through the use of an app.

Definitely

Yes would give me clarity over my dogs life

Yes I would be more likely to, good idea @

Yes

Yes I would. Great idea

Yes

Yes

Yes, this is am excellent idea!!!

User Requirements Questionnaire Raw Results:

| A persona | I diary | app: | Final | Year | Project |
|-----------|---------|------|-------|------|---------|
|-----------|---------|------|-------|------|---------|

1. Do you use a mobile application to track your walks? If no, would you?

2. Do you use this app to track your dog walks as well as your personal walks?

- 3. Do you use a mobile application to track your mood/your dog's mood? If no, would you?
- 4. Would you use an app which combines the two above? Or would you rather these be separate?
 _Combines
- 5. Would you rather a separate app for your personal walks, or an app which combines both your dog walks and personal walks?
- 6. Out of the following features, please tick those you would find useful

Collection:

- Tracking your walks viewing a tracked route of your walk-
- Tracking how you felt during those walks AND your perception of your dog's mood
 - o On a scale from 1-5
 - o Range of emotions such as happy / sad / excited
- Attaching images to each walk log to capture memories of the walk
- Inputting a diary style text entry for the walk, detailing how you found the walk.

Feedback

- View previous walks, how you were feeling on previous walks. This could be viewed
 in several types of views... e.g. each day, week, month.
- Be able to see what moods related to each walk.
 - o E.g. when you are at the beach.. you and your dog tend to be excited.
- Recommendations on walks based off previous walks according to emotions
 - E.g. Try out walking through Roath park today... as when you are near a lake you tend to be happy!

- A goals feature set up personalised goals for your dog
 - o E.g. walk 10,000 steps with your dog each day
- Sharing details of walks with friends
 - A sharing feature to be able to show your friends the route you took, how long it took you and how many steps were taken
- Audio feedback throughout walk
 - \swarrow \circ Through audio be able to get alerts when you have walked 1 mile, 2 miles etc
- A community based feature sharing walks, commenting on friends walks, suggesting routes
- 7. What would you be interested in seeing regarding each walk?
 - Daily/weekly/monthly
 - o Steps
 - o Distance
 - Overview of moods (both human and dog)
 - Previous walks/routes
 - Goals achieved

A personal diary app: Final Year Project

8. Which of the following would you rather use to describe each walk?

Example 1:

"It was a great walk today! We went to the beach and met up with friends. We walked with Sarah and her dog Max."

Example 2:

Selecting from a range of emojis such as the following to describe the walk:



Selecting from a range of icons to describe where the walk was and what you did:











9. Do you think you would be more likely to walk your dog/record your emotions through the use of an app like which is proposed?

Definitely

| | A personal diary app: Final Year Project |
|----|--|
| 1. | Do you use a mobile application to track your walks? If no, would you? |
| 2. | Do you use this app to track your dog walks as well as your personal walks? |
| 3. | Do you use a mobile application to track your mood/your dog's mood? If no, would you? No but would like to |
| 4. | Would you use an app which combines the two above? Or would you rather these be separate? |
| 5. | Would you rather a separate app for your personal walks, or an app which combines both your dog walks and personal walks? Happyrite |
| 6. | Out of the following features, please tick those you would find useful |
| | Tracking your walks – viewing a tracked route of your walk Tracking how you felt during those walks AND your perception of your dog's mood On a scale from 1-5 Range of emotions such as happy / sad / excited |
| | Attaching images to each walk log to capture memories of the walk. Inputting a diary style text entry for the walk, detailing how you found the walk. |
| | View previous walks, how you were feeling on previous walks. This could be viewed in several types of views e.g. each day, week, month Be able to see what moods related to each walk E.g. when you are at the beach you and your dog tend to be excited. Recommendations on walks based off previous walks according to emotions E.g. Try out walking through Roath park today as when you are near a lake you tend to be happy! |
| | Other • A goals feature – set up personalised goals for your dog • E.g. walk 10,000 steps with your dog each day • Sharing details of walks with friends • A sharing feature to be able to show your friends the route you took, how long it took you and how many steps were taken • Audio feedback throughout walk • Through audio be able to get alerts when you have walked 1 mile, 2 miles etc • A community based feature – sharing walks, commenting on friends walks, suggesting routes |
| 7. | What would you be interested in speing regarding each walk? • Daily/weekly/monthly • Steps • Distance • Overview of moods (both human and dog) • Previous walks/routes • Goals achieved |

A personal diary app: Final Year Project 8. Which of the following would you rather use to describe each walk? "It was a great walk today! We went to the beach and met up with friends. We walked with Sarah and her dog Max." Example 2: Selecting from a range of emojis such as the following to describe the walk: Selecting from a range of icons to describe where the walk was and what you did: 9. Do you think you would be more likely to walk your dog/record your emotions through the use of an app like which is proposed? yes would give me clarity

A personal diary app: Final Year Project

1. Do you use a mobile application to track your walks? If no, would you?

2. Do you use this app to track your dog walks as well as your personal walks?

3. Do you use a mobile application to track your mood/your dog's mood? If no, would you?

NO but HOULD do

4. Would you use an app which combines the two above? Or would you rather these be separate?

App that does these together

5. Would you rather a separate app for your personal walks, or an app which combines both your dog walks and personal walks?

App that does these together

6. Out of the following features, please tick those you would find useful

Collection:

- Tracking your walks viewing a tracked route of your walk √
- Tracking how you felt during those walks AND your perception of your dog's mood
 - o On a scale from 1-5 X
 - o Range of emotions such as happy / sad / excited \checkmark
- Attaching images to each walk log to capture memories of the walk
- ullet Inputting a diary style text entry for the walk, detailing how you found the walk imes

Feedback

- View previous walks, how you were feeling on previous walks. This could be viewed
 in several types of views... e.g. each day, week, month.
- Be able to see what moods related to each walk.
 - E.g. when you are at the beach.. you and your dog tend to be excited.
- ullet Recommendations on walks based off previous walks according to emotions \checkmark
 - E.g. Try out walking through Roath park today... as when you are near a lake you tend to be happy!

- A goals feature set up personalised goals for your dog
 - o E.g. walk 10,000 steps with your dog each day
- Sharing details of walks with friends
 - A sharing feature to be able to show your friends the route you took, how long it took you and how many steps were taken
- Audio feedback throughout walk
 - O Through audio be able to get alerts when you have walked 1 mile, 2 miles etc
- A community based feature sharing walks, commenting on friends walks, suggesting routes
- 7. What would you be interested in seeing regarding each walk?
 - Daily/weekly/monthly
 - o Steps
 - o Distance
 - o Overview of moods (both human and dog)
 - Previous walks/routes ✓
 - Goals achieved

A personal diary app: Final Year Project

8. Which of the following would you rather use to describe each walk?

Example 1:

"It was a great walk today! We went to the beach and met up with friends. We walked with Sarah and her dog Max."

Example 2:

Selecting from a range of emojis such as the following to describe the walk: X



Selecting from a range of icons to describe where the walk was and what you did:



9. Do you think you would be more likely to walk your dog/record your emotions through the use of an app like which is proposed?

Yes I hould be more likely to good idea =

A personal diary app: Final Year Project

| 1. | Do you use a mobile a | application to | track your | walks? If no, | would you? |
|----|-----------------------|----------------|------------|---------------|------------|
| | | | | | |

no , but yes.

2. Do you use this app to track your dog walks as well as your personal walks?

3. Do you use a mobile application to track your mood/your dog's mood? If no, would you?

4. Would you use an app which combines the two above? Or would you rather these be separate?

Seperate

5. Would you rather a separate app for your personal walks, or an app which combines both your dog walks and personal walks?

Seperate

6. Out of the following features, please tick those you would find useful

Collection:

- Tracking your walks viewing a tracked route of your walk
- Tracking how you felt during those walks AND your perception of your dog's mood
 - o On a scale from 1-5
 - o Range of emotions such as happy / sad / excited
- Attaching images to each walk log to capture memories of the walk
- Inputting a diary style text entry for the walk, detailing how you found the walk

Feedback

- View previous walks, how you were feeling on previous walks. This could be viewed in several types of views... e.g. each day, week, month.
- Be able to see what moods related to each walk.
 - o E.g. when you are at the beach.. you and your dog tend to be excited.
- Recommendations on walks based off previous walks according to emotions x
 - E.g. Try out walking through Roath park today... as when you are near a lake you tend to be happy!

- A goals feature set up personalised goals for your dog ✓
 - o E.g. walk 10,000 steps with your dog each day
- Sharing details of walks with friends
 - A sharing feature to be able to show your friends the route you took, how long it took you and how many steps were taken
- Audio feedback throughout walk
 - O Through audio be able to get alerts when you have walked 1 mile, 2 miles etc
- A community based feature sharing walks, commenting on friends walks, suggesting routes
- 7. What would you be interested in seeing regarding each walk?
 - Daily/weekly/monthly //
 - o Steps WX
 - o Distance 🗸
 - Overview of moods (both human and dog) \(\sqrt{} \)
 - Previous walks/routes
 - Goals achieved ✓

A personal diary app: Final Year Project

8. Which of the following would you rather use to describe each walk?

Example 1:

"It was a great walk today! We went to the beach and met up with friends. We walked with Sarah and her dog Max." \checkmark

Example 2:

Selecting from a range of emojis such as the following to describe the walk: χ



Selecting from a range of icons to describe where the walk was and what you did: X











9. Do you think you would be more likely to walk your dog/record your emotions through the use of an app like which is proposed?

YRT.

| | A personal diary app: Final Year Project | t |
|---|--|---|
| | Do you use a mobile application to track your walks? If no, would you? | |
| | Do you use this app to track your dog walks as well as your personal walks? | |
| | Do you use a mobile application to track your mood/your dog's mood? If no, would you? No, but I would | |
| | Would you use an app which combines the two above? Or would you rather these be separate? | |
| | the app their does it together | |
| | Would you rather a separate app for your personal walks, or an app which combines both your dog walks and personal walks? | |
| | Separate app | |
| | Out of the following features, please tick those you would find useful | |
| | Collection: | |
| | Tracking your walks – viewing a tracked route of your walk | |
| | Tracking how you felt during those walks AND your perception of your dog's mood On a scale from 1-5 \(\chi \) | |
| | O Range of emotions such as happy / sad / excited \(\square\$ | |
| , | Attaching images to each walk log to capture memories of the walk Inputting a diary style text entry for the walk, detailing how you found the walk | |
| | Feedback | |
| | | |
| | in several types of views e.g. each day, week, month. | |
| | Be able to see what moods related to each walk. | |
| | E.g. when you are at the beach you and your dog tend to be excited. Recommendations on walks based off previous walks according to emotions | |
| | E.g. Try out walking through Roath park today as when you are near a lake you tend to be happy! | |
| | Other | |
| | A goals feature – set up personalised goals for your dog E.g. walk 10,000 steps with your dog each day | |
| | Sharing details of walks with friends | |
| | A sharing feature to be able to show your friends the route you took, how long it took you and how many steps were taken | |
| | Audio feedback throughout walk | |
| | Through audio be able to get alerts when you have walked 1 mile, 2 miles etc | |
| | A community based feature – sharing walks, commenting on friends walks, suggesting routes | |
| | What would you be interested in seeing regarding each walk? | |
| | Daily/weekly/monthly √ | |
| | o Steps | |
| | o Distance | |

- Overview of moods (both human and dog)
- Previous walks/routes ✓
- Goals achieved ✓

A personal diary app: Final Year Project

8. Which of the following would you rather use to describe each walk?

Example 1: X

"It was a great walk today! We went to the beach and met up with friends. We walked with Sarah and her dog Max."

Example 2: <

Selecting from a range of emojis such as the following to describe the walk:



Selecting from a range of icons to describe where the walk was and what you did:



9. Do you think you would be more likely to walk your dog/record your emotions through the use of an app like which is proposed?

Yes, I would . Great idea

| | A personal diary app: Final Year Project |
|----|--|
| 1. | Do you use a mobile application to track your walks? If no, would you? |
| 2. | Do you use this app to track your dog walks as well as your personal walks? |
| 3. | Do you use a mobile application to track your mood/your dog's mood? If no, would you? |
| 4. | Would you use an app which combines the two above? Or would you rather these be separate? |
| 5. | Would you rather a separate app for your personal walks, or an app which combines both your dog walks and personal walks? |
| 6. | Out of the following features, please tick those you would find useful |
| | Collection: |
| | Tracking your walks – viewing a tracked route of your walk |
| | Tracking how you felt during those walks AND your perception of your dog's mood On a scale from 1-5 |
| | Range of emotions such as happy / sad / excited |
| | Attaching images to each walk log to capture memories of the walk |
| | Inputting a diary style text entry for the walk, detailing how you found the walk — The office to the walk. |
| | Feedback |
| | View previous walks, how you were feeling on previous walks. This could be viewed |
| | in several types of views e.g. each day, week, month: Be able to see what moods related to each walk. |
| | E.g. when you are at the beach you and your dog tend to be excited. |
| | Recommendations on walks based off previous walks according to emotions |
| | E.g. Try out walking through Roath park today as when you are near a lake you tend to be happy! |
| | Othor |
| | Other A goals feature – set up personalised goals for your dog |
| | o E.g. walk 10,000 steps with your døg each day |
| | Sharing details of walks with friends |
| | A sharing feature to be able to show your friends the route you took, how |
| | long it took you and how many steps were taken |
| | Audio feedback throughout walk |
| | Through audio be able to get alerts when you have walked 1 mile, 2 miles etc. |
| | A community based feature – sharing walks, commenting on friends walks, suggesting routes |
| | suggesting routes |
| 7. | What would you be interested in seeing regarding each walk? |
| | Daily/weekly/monthly |
| | o Steps |
| | O Distance |
| | O Overview of moods (both human and dog) Previous walks/routes |
| | Goals achieved |
| | |
| | |
| | |

A personal diary app: Final Year Project

8. Which of the following would you rather use to describe each walk?

Example 1:

"It was a great walk today! We went to the beach and met up with friends. We walked with Sarah and her dog Max." \searrow

Example 2:

Selecting from a range of emojis such as the following to describe the walky



Selecting from a range of icons to describe where the walk was and what you did:











9. Do you think you would be more likely to walk your dog/record your emotions through the use of an app like which is proposed?



| | A personal diary app: Final Year Project |
|----|--|
| 1. | Do you use a mobile application to track your walks? If no, would you? No, but yes |
| 2. | Do you use this app to track your dog walks as well as your personal walks? |
| 3. | Do you use a mobile application to track your mood/your dog's mood? If no, would you? $N_{\mathbb{O}}$ |
| 4. | Would you use an app which combines the two above? Or would you rather these be separate? Combined |
| 5. | Would you rather a separate app for your personal walks, or an app which combines both your dog walks and personal walks? |
| 6. | Out of the following features, please tick those you would find useful |
| | Collection: ■ Tracking your walks – viewing a tracked route of your walk ✓ |
| | Tracking how you felt during those walks AND your perception of your dog's mood On a scale from 1-5 √ |
| | Range of emotions such as happy / sad / excited X |
| | Attaching images to each walk log to capture memories of the walk √ Inputting a diary style text entry for the walk, detailing how you found the walk √ |
| | Feedback |
| | View previous walks, how you were feeling on previous walks. This could be viewed in several types of views e.g. each day, week, month. |
| | Be able to see what moods related to each walk. ✓ |
| | E.g. when you are at the beach you and your dog tend to be excited. Recommendations on walks based off previous walks according to emotions \(\) E.g. Try out walking through Roath park today as when you are near a lake you tend to be happy! |
| | Other |
| | A goals feature – set up personalised goals for your dog ○ E.g. walk 10,000 steps with your dog each day |
| | Sharing details of walks with friends A sharing feature to be able to show your friends the route you took, how long it took you and how many steps were taken |
| | Audio feedback throughout walk |
| | Through audio be able to get alerts when you have walked 1 mile, 2 miles etc A community based feature – sharing walks, commenting on friends walks, |
| 7. | What would you be interested in seeing regarding each walk? |
| | Daily/weekly/monthly |
| | StepsDistance |
| | Overview of moods (both human and dog) |
| | Previous walks/routes √ |

Goals achieved 🗸

A personal diary app: Final Year Project

8. Which of the following would you rather use to describe each walk?

Example 1:

"It was a great walk today! We went to the beach and met up with friends. We walked with Sarah and her dog Max."

Example 2: <

Selecting from a range of emojis such as the following to describe the walk:



Selecting from a range of icons to describe where the walk was and what you did:











9. Do you think you would be more likely to walk your dog/record your emotions through the use of an app like which is proposed?

Yep

| | A personal diary app: Final Year Project |
|---|---|
| | · · · · · · · · · · · · · · · · · · · |
| 1 | Do you use a mobile application to track your walks? If no, would you? |
| Ź | Do you se this app to track your dog walks as well as your personal walks? |
| 3 | By youruse a mobile application to track your mood/your dog's mood? If no, would you? |
| | Would you use an app which combines the two above? Or would you rather these be separate? |
| | Would your ather a separate app for your personal walks, or an app which combines both your dog walks and personal walks? |
| , | Out of the following features, please tick those you would find useful |
| | |
| | Collection: |
| | Tracking your walks – viewing a tracked route of your walk Tracking how you felt during those walks AND your perception of your dog's mood |
| | o On a scale from 1-5 |
| | Range of emotions such as happy / sad / excited |
| | Attaching images to each walk log to capture memories of the walk |
| | Inputting a diary style text entry for the walk, detailing how you found the walk |
| | Feedback |
| | View previous walks, how you were feeling on previous walks. This could be viewed in several types of views e.g. each day, week, month! |
| | Be able to see what moods related to each walk |
| | E.g. when you are at the beach you and your dog tend to be excited. Recommendations on walks based off previous walks according to emotions. |
| | E.g. Try out walking through Roath park today as, when you are near a lake you tend to be happy! A ONE TOPY |
| | Other |
| | A goals feature – set up personalised goals for your dog |
| | E.g. walk 10,000 steps with your dog each day |
| | Sharing details of walks with friends A sharing feature to be able to show your friends the route you took, how |
| | long it took you and how many steps were taken |
| | Audio feedback throughout walk |
| | Through audio be able to get aferts when you have walked 1 mile, 2 miles etc. |
| | A community based feature – sharing walks, commenting on friends walks, suggesting routes |
| 7 | . What would you be interested in seeing regarding each walk? |
| | Daily/weekly/monthly |
| | o Steps |
| | Distance Overview of moods (both human and dog) |
| | Previous walks/routes |
| | Goals achieved |
| | |
| | |
| | |
| | |

A personal diary app: Final Year Project

8. Which of the following would you rather use to describe each walk?

Example 1:

"It was a great walk today! We went to the beach and met up with friends. We walked with Sarah and her dog Max."

Example 2:

Selecting from a range of emojis such as the following to describe the walk:



Selecting from a range of icons to describe where the walk was and what you did:



9. Do you think you would be more likely to walk your dog/record your emotions through the use of an app like which is proposed?