

Travel Pals

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Smartphone application that uses social media to encourage people to travel together.

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Travel Pals

Travel Pals will be a smart phone application that uses social media to allow and help people communicate and meet with others sharing a common travelling targets or destination. This proposal explores different aspects of travelling and how an application like this will help the community of travellers.

Data gathering and requirements

The stakeholders to our project will range from young individuals whom hold an ambition to travel and possibly server rental management companies. Travel buddies will not be restricted to any users, if they go by the terms and conditions of the application. Any possible buyers of this application and possible expansion in the future might include database server management and storage rental companies. See appendix B for personas.

Primary Data

Interview – Anonymous Lab Assistant age 25.

We have asked several questions regarding our idea, and he travels every day and would like to travel with someone since it makes the travelling duration pass quicker. However, he was a bit hesitant about meeting strangers online, since there are a lot of cases of cat fishing and security problems in the past. He is an android user and used tinder in the past and found that the app was exploited for different purpose that was initially proposed.

Questionnaire 1 - <https://www.surveymonkey.co.uk/r/2YK36GV>

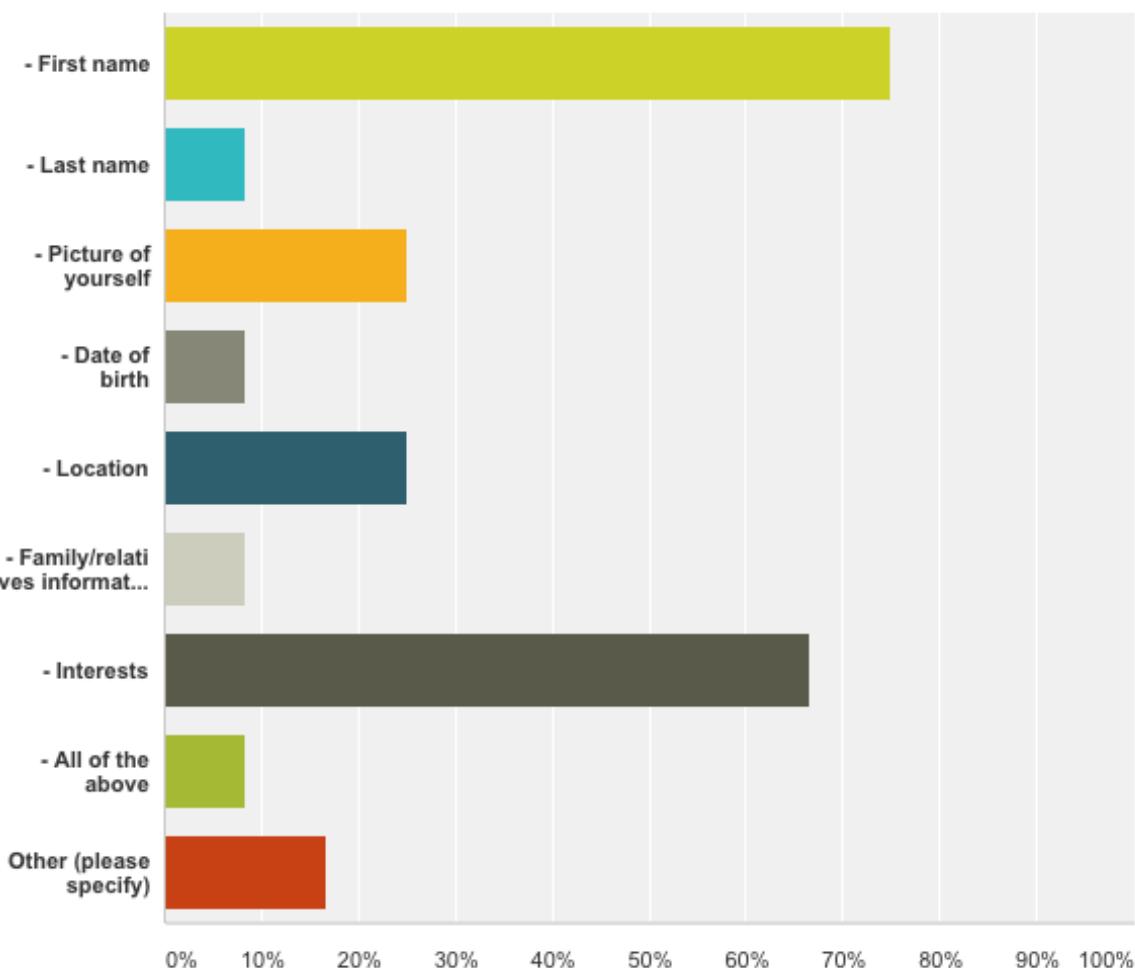
The sample size of the questionnaire was focused on 18-24 age group therefore it was a bias, however the result we got spread across on different types of transportation daily. 40% of the people answered that they would be interested in finding someone to travel with as they will feel safe 49% and make new friends 51%. The iPhone users have majority in this questionnaire however looking at the national statistics android holds 55.7% of the market share according to the www.kantarworldpanel.com/global/smartphone-os-market-share/.

Questionnaire 2 - <https://www.surveymonkey.co.uk/r/G9L57D2>

After conducting the first questionnaire, there has been a gap in our user requirements for this application, so the second questionnaire has followed with a smaller sample size. Without being very specific with the questions we have asked users what they do when using the social media and over 90% has answered that they use the “chatting” functionality most and then over 40% said sharing pictures and over 30% said postings, the following question was in relation to the most popular application; Facebook and snapchat has won with 90% each, this means that there is a demand in the market for phone applications with similar functionality as those. When users were asked, what is their favourite application, surprisingly top 3 were as follows: Instagram, snapchat and twitter, this conveys that graphical representation within the user’s interest fields is very likable and amusing.

Which of the following do you feel safe sharing with the world (public): [MULTIPLE CHOICES ACCEPTED]

Answered: 12 Skipped: 0



As the graph above represents, when we deducted the question of what data users feel happy sharing with the online world; majority felt that first name and interests are enough which means that people online like to keep their identity anonymous and any data in relations to them. This means that for travel buddies application we will require a limited data from users for their profile which will be compulsory and the rest such as photographs, DOB etc. will be up to the user.

Secondary Data

Scanning the market area, there are similar mobile applications to Travel Pals such as Happns and Tinder, however looking at the reviews and online feedback there is a gap in the market for lonely wanderers. With further research with different articles; travelling comes at a risk especially to solo female travellers, and it's not the typical cases of wrong place, wrong time as mentioned by Lauren Wolfe in the New York Times article. She only wrote about cases that have been reported, some of the female travellers will often stay quiet after becoming a

victim of rape, human trafficking etc. However, solo female travellers travelling by themselves empowering, as said in the Tourism and Gender: Embodiment, Sensuality and Experience book by A.Pritchard in chapter 14.

After conducting brief research on the platforms to be used for the creation of this applications, the following will be used: MySQL, Android Studio, PHP and Java.

User Needs

After conducting all the necessary data research, we could thoroughly understand the user needs and expectations regarding this application. This will allow us to create a final product that perfectly encapsulates what the target audience have been asking for as well as delivering software that fits ideally.

Requirements	Justification
Android app	Given research in questionnaire 1, and external research, Android has the highest market share.
Messaging functionality	Given research in questionnaire 2, users enjoyed communicating with each other via messages and it was the most used feature in the majority of social media applications.
Search/match functionality	In order to find someone, you can talk to and plan your trip, we need to find the best available match.
Swipe like motion for a match (like tinder)	Easy functionality as well as highly enjoyed by Tinder users.
Sequential navigation	Makes the application more enjoyable by having an ordered, easy-to-use and intuitive navigation.
Add trips functionality – user can add any upcoming trips	Keeps track of any travelling plans the users is wanting to make, and makes it easier for the database to find matches.
Profile settings – adjustments and ability to add more information e.g. add photograph	Editing profile is crucial since the user might want to update some personal information about themselves, refer to DPA.
Login screen with possible registration or login with an existing account from Facebook	Given research in questionnaire 2, users prefer to sign up via Facebook as it saves time and restricted user input.
Blue colour theme	Refer to research in questionnaire 2, users related most to the theme of travelling and safety when a blue colour theme is used.

Accessibility and compatibility

Android development of the app would be a more favourable decision as opposed to other alternatives including iOS, windows phone etc. Though the survey conducted above it indicate a resounding apple dominance. This was decided after researching the market, where it was conclusive of the android market share dominance.

Limitations

The possible problems that this project may encounter next semester:

- ❖ Lack of expertise in the team
- ❖ Restriction on the time frame
- ❖ Lack of financial support
- ❖ Lack of interaction with the users
- ❖ Lack of communication or misunderstandings

These problems could affect our project greatly and result in an unfinished application that the users may not like, in order to prevent this we have a rough schedule to keep us on track during the development stage (See Project management section).

Ethical audit

Security will be a fundamental user need as sensitive and personal data will be handled and displayed within the app. The need for cyber protection will be at an all-time high, and extremely sensitive data would need to be kept secure from online attackers to prevent identify theft and misuse of confidential data.

To keep the users feeling secure with sharing personal data with the app, certain surface-level measures would have to be taken to ensure safety of data, physically. Age restrictions would be put in place to prevent underage users from using the app to help attain safe and responsible use of the app, allowing users 18+ only.

The app will also be password locked, ensuring that the user will only be able access such information. This will aid in preventing physical gathering of data from thieves who may have stolen a user's phone.

Firstly, the mobile app that we propose will not be using geolocation since it's mostly commonly used to identify the geographic location of users. Travel Pal will not store the location of users, this means we cannot know where the user is, and therefore cannot send them any push notifications. Our first aim is to connect people to travel together by planning their journey's together.

Secondly in the improved version, it will be possible to add geolocation. This will allow Travel Pal to send push notifications to users who want to travel together and inform them that their friend, for example, has arrived at the airport or is around in the city where the user has planned to travel to.

In both cases the data that Travel Pal will use will be very limited.

Visible by us: date of birth, sex, first name, last name, city, interests, photo, email.

Visible by users: first name, sex, interest, age and photo. In accordance with the survey conducted, results showed that users of the app are not comfortable with some personal information such as their last names and date of birth being visible to all users. To ensure that all the confidential information that users wish to not share with the online world we will process with caution and abide by the Data Protection Act 1998 regulations.

Travel Pal will ensure that all the data remains non-accessible and non-visible to non-users of the app.

Travel Pal presents the choice to use a picture of solely the user themselves, from the users existing phone gallery to upload a display picture for the app. For users to select an existing picture, they must first accept the T&C of the application for the app to access the image. Moderators at Travel Pal, must approve all changes of pictures to ensure that users will not include sensitive content such as pornographic images, or any other sensitive content that may offend other users.

To protect users of any unsociable behaviour such as racism or any illegal behaviours, they will be given the option to report the user. This will be the only instance in which Travel Pal will use data from user's conversations, for example, we may be able to provide proof of illegal and offensive behaviours to the authorities if the proof is required.

Travel Pal is merely a place for members to learn about each other and if they both consensually agree, they may arrange to travel with one another. Travel Pal is not involved in the actual

contact between members and users. As a result, the Company has no control over the conduct of members and/or users nor the truth or accuracy of the information.

Design

On the design front, it was very clear it needs to be intuitive and simple. This is a necessity to allow for logical understanding of how to navigate, carry out desired tasks, can know what certain actions entail as well as understand how to find them throughout the app.

The survey indicates a young, potentially tech-savvy audience (refer to questionnaire 1). This tells us that the users would generally be comfortable to navigate through the app based on their own intuition and general initial understanding of the app as well as pave the way to incorporate alternative methods of navigation e.g. gestures.

As per prototype 1, we got feedback from our fellow colleagues and it was mentioned that it looked very cluttered and hard to navigate, therefore we improved our design into prototype 2. This incorporated a much easier navigation and visual simplicity due to colour coordination however due to excess images, information and functionality, we took into consideration our two personas in appendix C; we gathered that it was redundant and concluded to simplify our design further, hence prototype V3. With further discussion, we discovered that asking users personal details about their booked travelling information put at risk with possible security leaks. To avoid this in prototype V3, it has been changed to a list of pals (pending, approved, approval) option. Prototype V3 also has been confused with a dating application, so we derive from that misrepresentation to V4. We have found that in prototype V3 list of pals was unnecessary and new users might get confused, therefore we developed this further with prototype V2 concept, my bookings to MyPlans this option is presented in prototype V4, and does not use any existing personal travel information but just plans/ideas. See appendix D for the prototypes.

Prototype

Prototype V4 (see below) has been developed using Visual Studio & VB.NET to demonstrate functionalities of the app. However, the original Travel Pal app is an Android Mobile App and shall be developed using Android Studio.

See Appendix E for logo

Fig: Login Screen

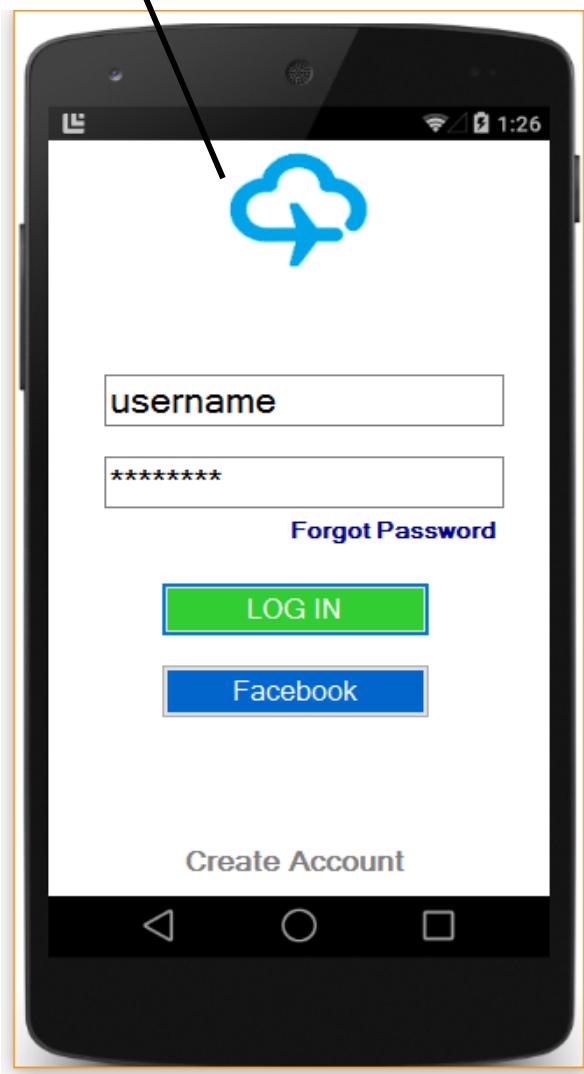
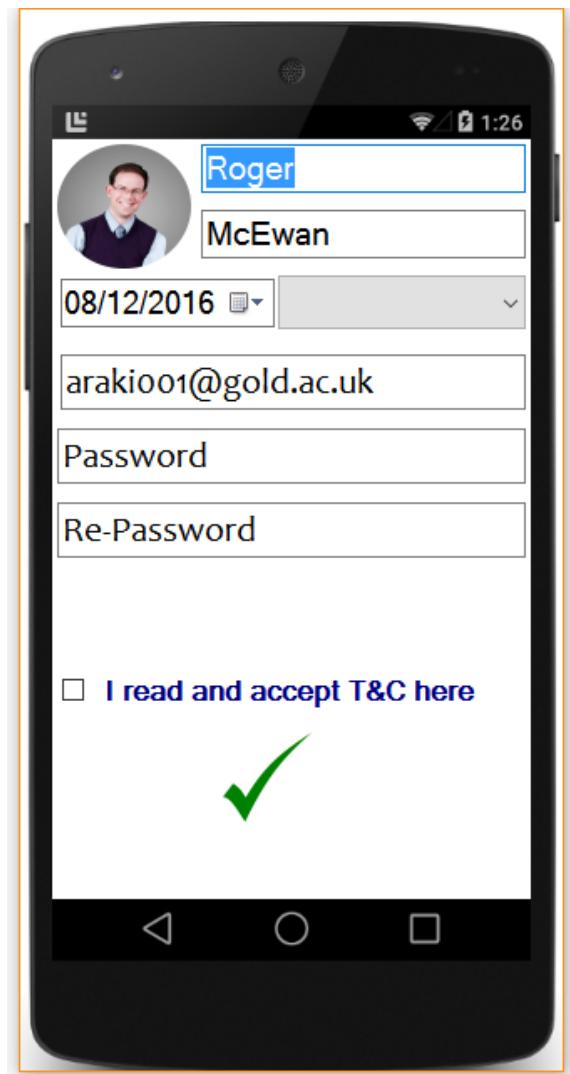
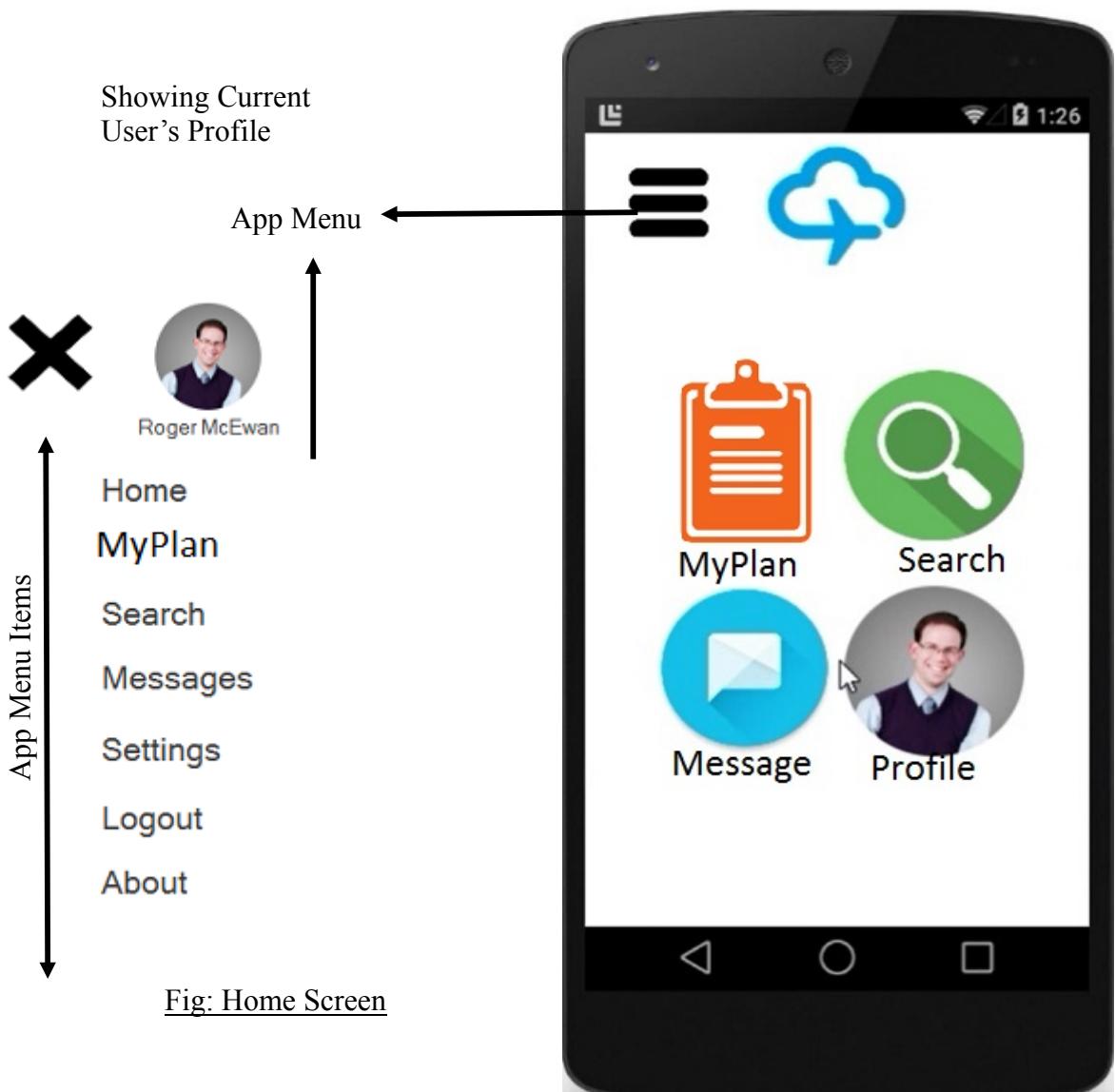


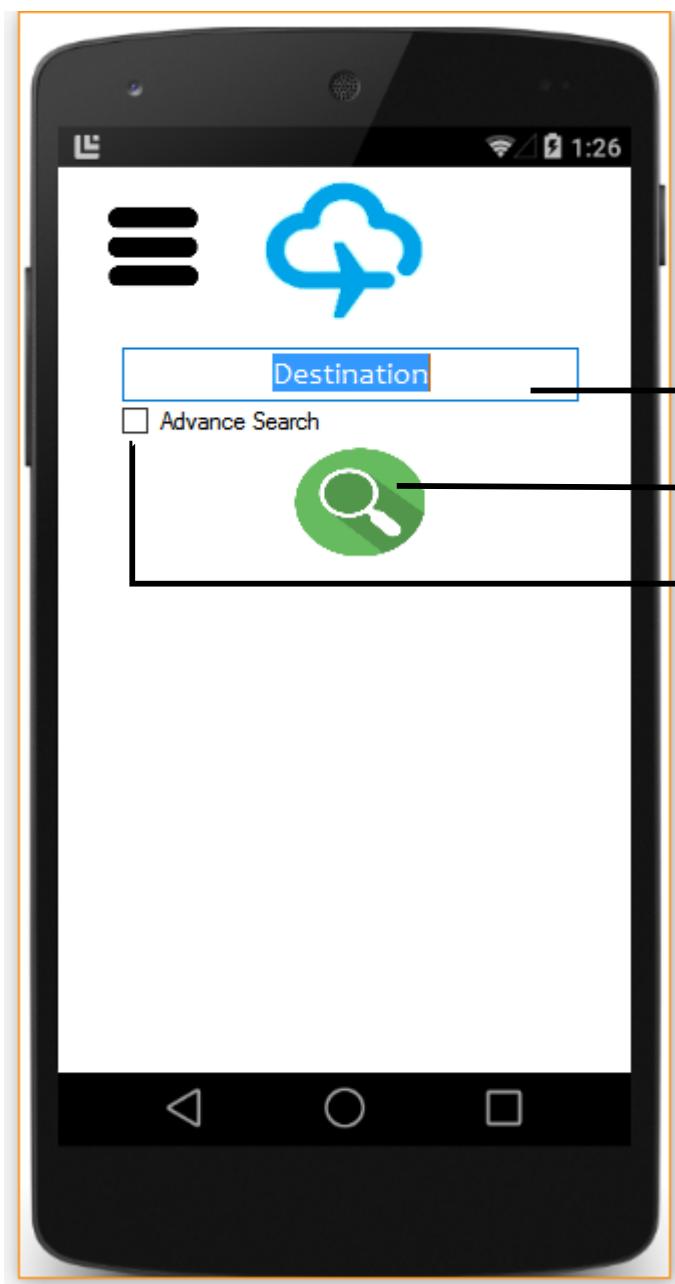
Fig: Create Account



Login in via Facebook is an option or creating an account.

Users must accept T&C in order to proceed to prevent issues discussed in Ethical Audit.



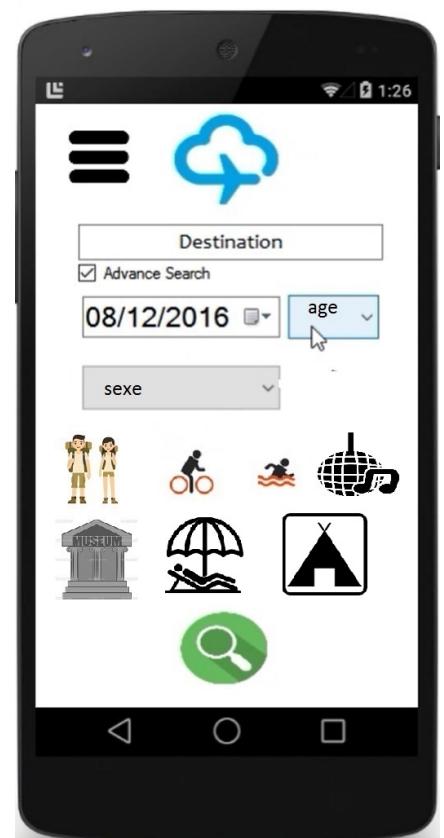


Travel Pal app allow users to find each other by destination.

Destination

Search Button

Advance Search Option



A basic search can be performed based on destination to travel. If additional search criteria are needed, then user can select 'Advance Search' option to narrow the search criteria for nearest match result by range of dates, sex, age and common tags (the icons). In addition, Travel Pal app shall sort the result according to best match between user's tag (defined in user's MyPlan), if the person sent join request to the user and user's previous pal selection history.

Fig: Pal Search Screen (Advance)

Pal search result may be displayed on screen as One Pal's details. User then have option to send join request or reject pal.as soon as user made choice next pal's detail will appear on screen and so on.

Fig: Matches

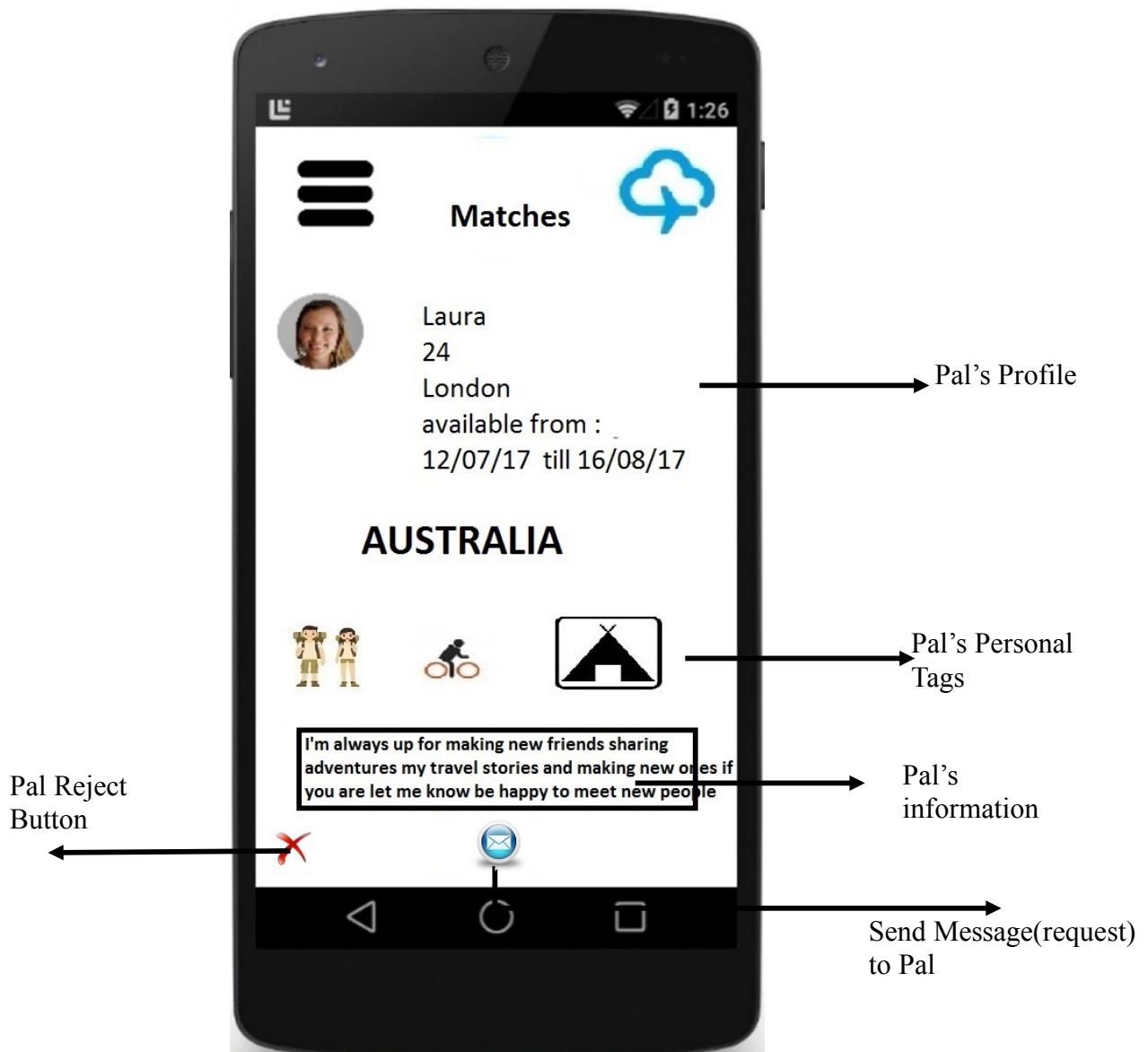
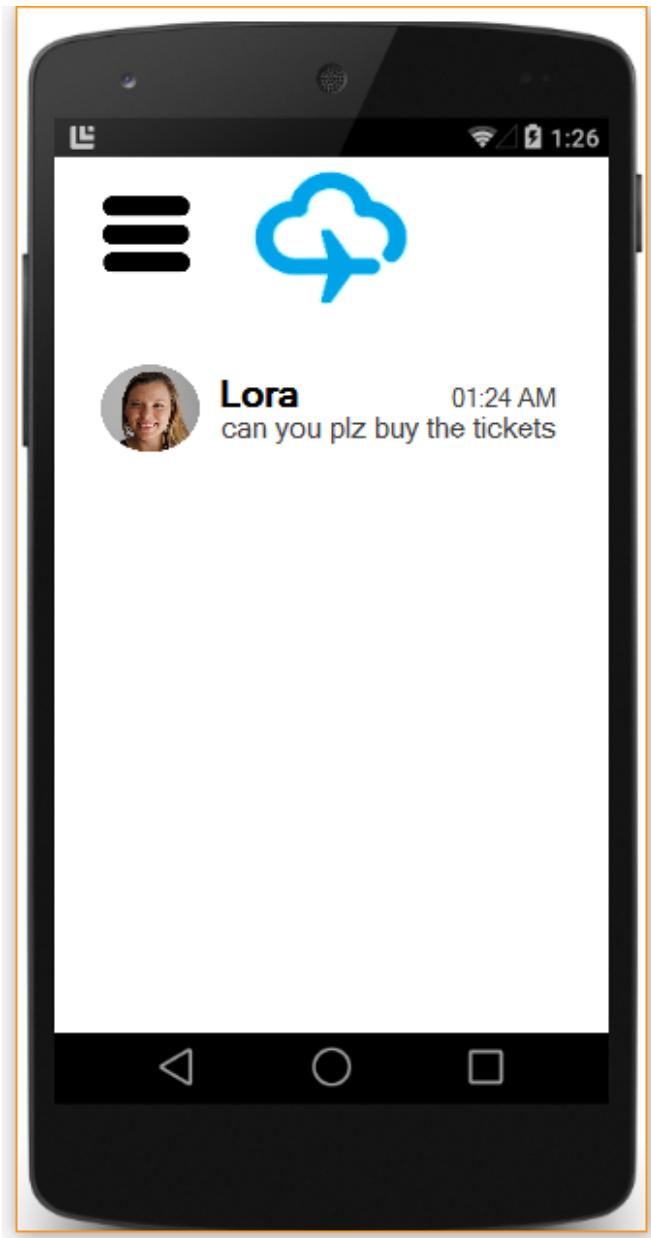


Fig: Messages



Messaging option allow users to communicate with each other. They may also report any user.

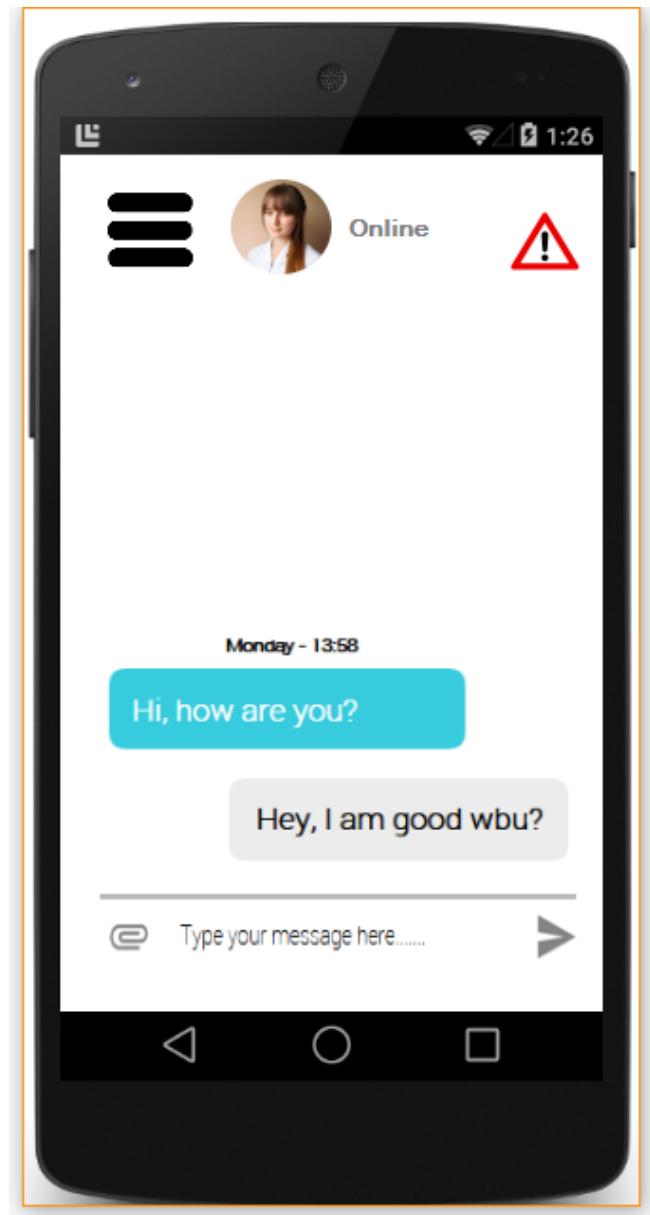


Fig: Edit Profile

14

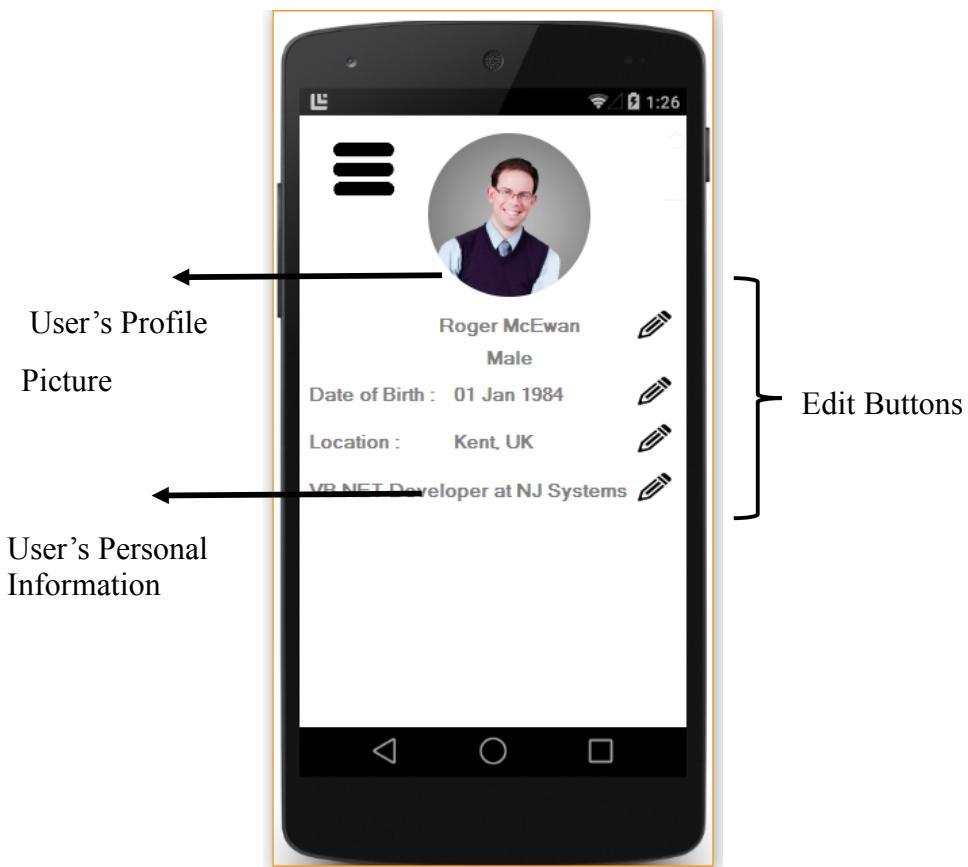
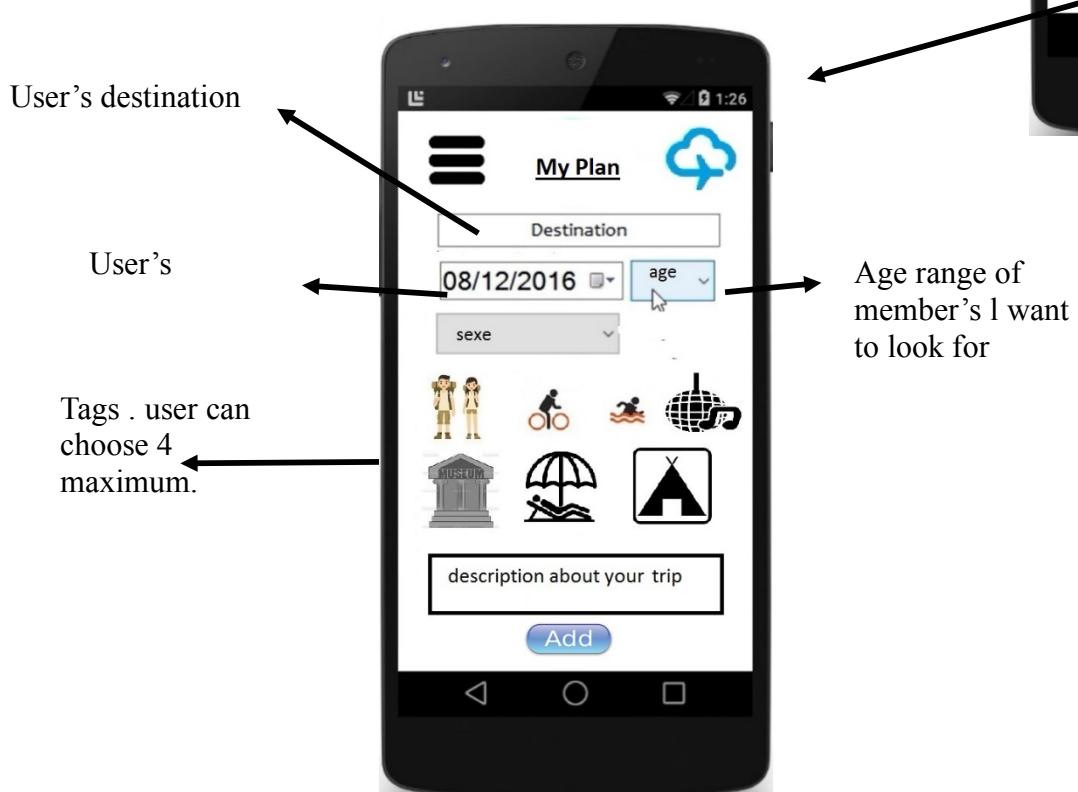


Fig: List MyPlan



Fig: Edit a Plan/ Create Plan



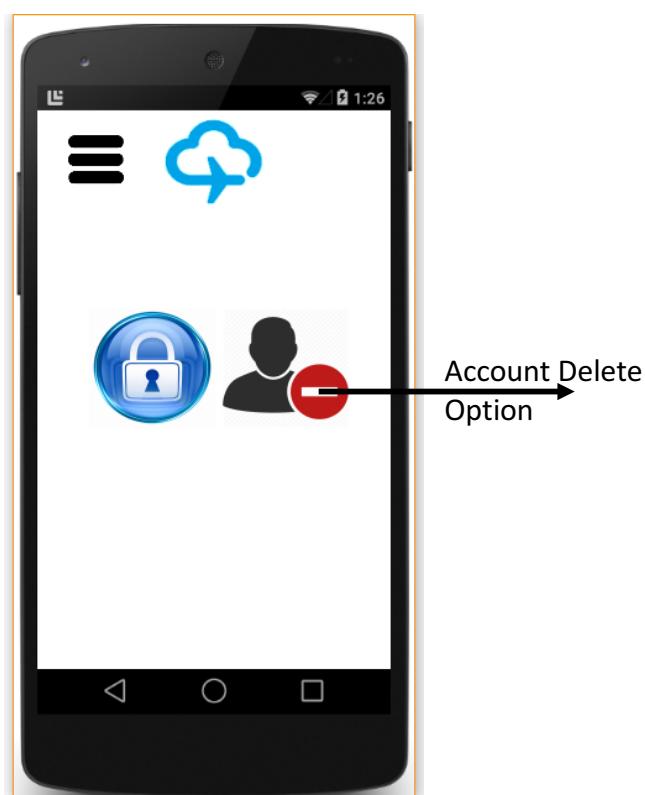


Fig: App Setting Screen

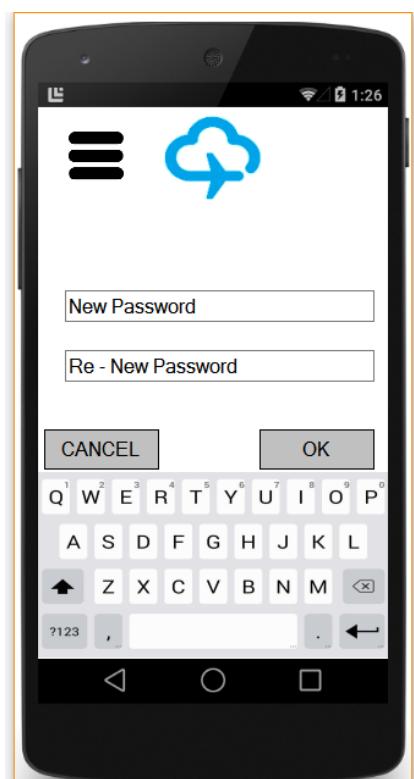


Fig: Change Password Option

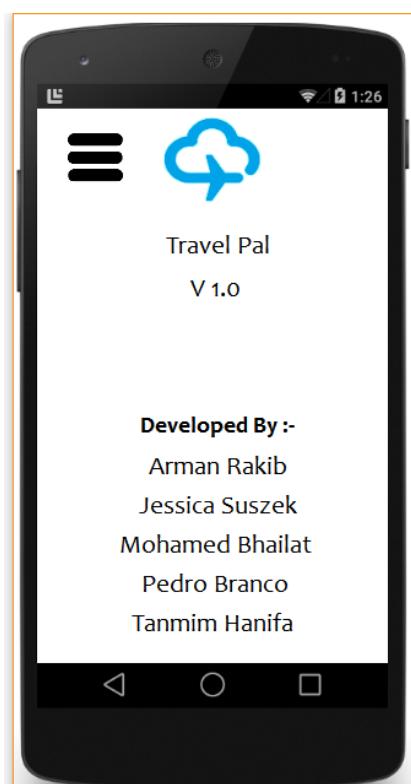
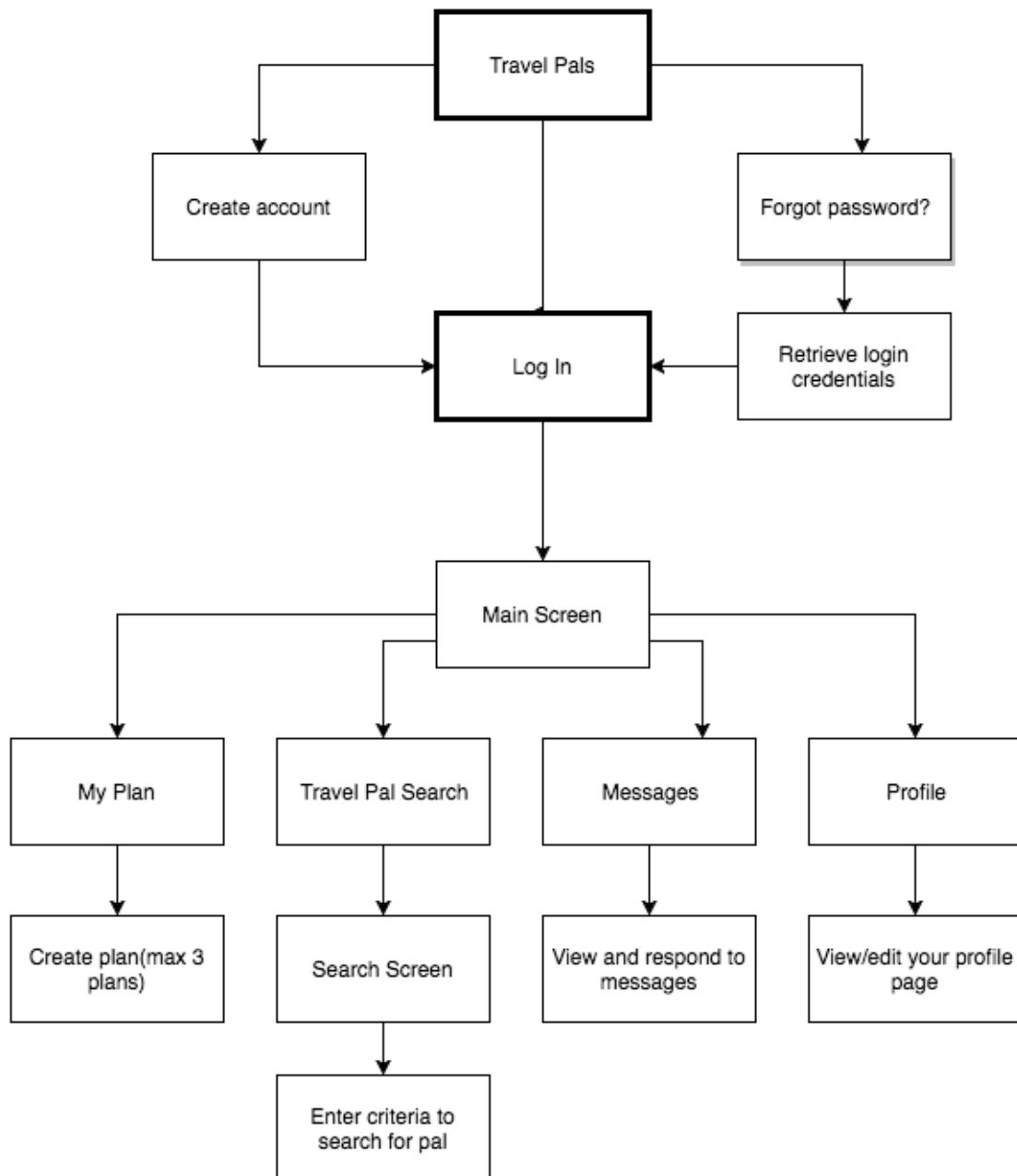


Fig: About us

UML Diagram



Evaluation / Test Plan

Objectives and Tasks

This plan is created and defined throughout the planning phase of the project to allow for a better and clearer understanding on how to effectively and efficiently carry out product testing before it will be done.

- Testing Strategy

The testing will be carried out systematically, testing features individually to allow for a concise understanding of any problems that may arise. As such, it will then be easy to know where any problem may populate from and be able to effectively resolve them. The testing will include entering false data that might break/crash the program.

- Alpha Testing

This testing method includes having a product near a fully operational state for the first time and allow us to understand how all the features are working as well as allow for quality control by identifying any bugs or issues that be present throughout the product.

- Performance and Stress Testing

The end goal of this testing method establishes the product capabilities against extreme load e.g. using the app with a slow internet connection to see how the user experience may be effected and another would be to load the app with a large quantity of data.

- User Testing

This test is necessary as it will be used to better understand the capabilities of the app for operational use by the end user.

- Beta Testing

This testing method includes having the product near its completion to resolve any remaining issues to improve the quality of its operation. The product will be tested amongst the target audience and those outside of that scope to allow for a more realistic testing. Feedback will be given from testers and any amendments that may be requested will be considered for implementation. The purpose of this test is to ensure it does not contain any critical problems we may have missed from previous testing.

Main Functions Testing

Profile – Initially users will have to create an account via a normal email & password registration or using the Facebook API. Simply a photo, description, first name, last name, gender and date of birth will be displayed to other users. Testing will involve users checking other users' profiles and checking whether the information has been updated and displayed correctly.

My Plan – Once an account and profile have been set up, the users will have the ability to add up to 3 plans to their account. The plans will include the destination, from where and to where they will be travelling, tags and a short description. This information will be stored in the database and will be used for other users to be able to find said user.

Searching (Matching) – Users will have to insert the destination and tags to help match with other users accordingly. Any mutual destination and tags users may have in common will be added up to a score variable. The higher the score variable, the more likely the users are to appear in the “Pal Search” section to be able to potentially match. Testing will involve users deliberately having mutual tags and destination to see if the searching & matching algorithm works correctly.

Messaging – Once two users have matched they have the ability to message each other and/or block the user if they wish to do so due to abuse, misconduct, spam, or any other reason they may have. Additionally, a user may also message another user they have not matched with that they find on the ‘Search’ section but the interaction will be labelled as a ‘Message request’ and the other user will have to accept or deny said request. Testing this feature out is self-explanatory: Simply by testing if the messaging service works correctly among two given matched users and to see if the message request and blocking functionalities are implemented correctly.

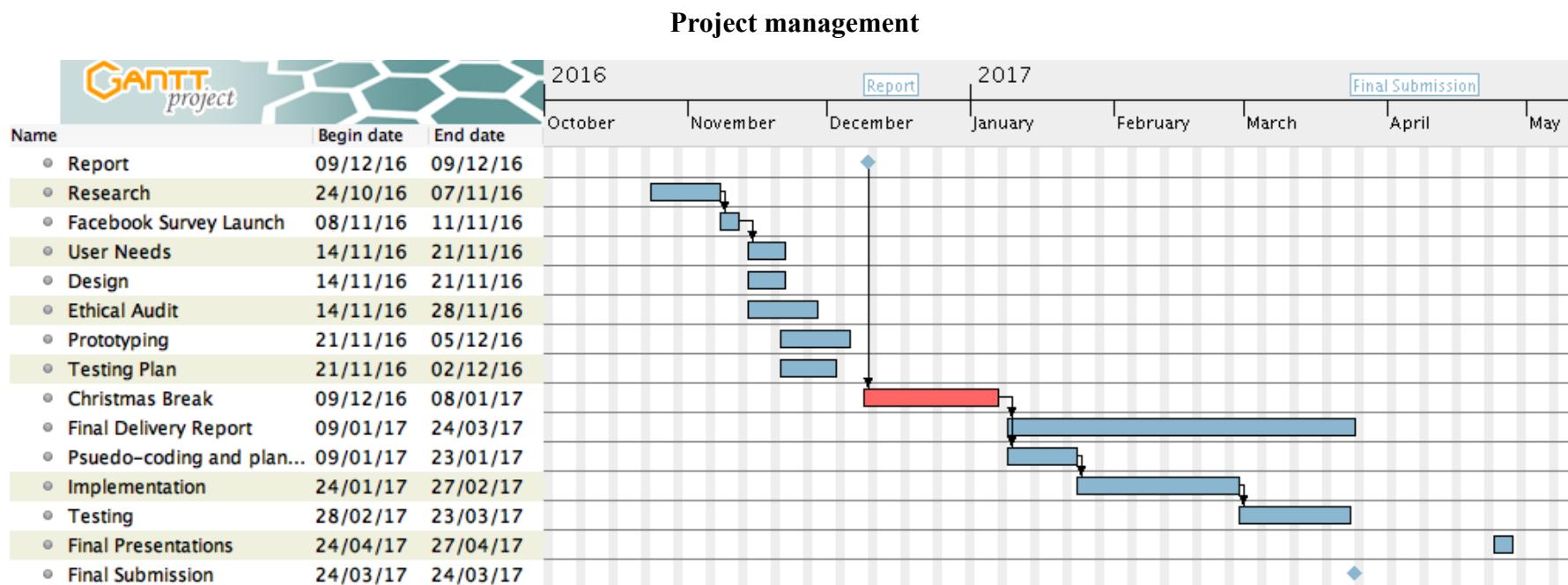
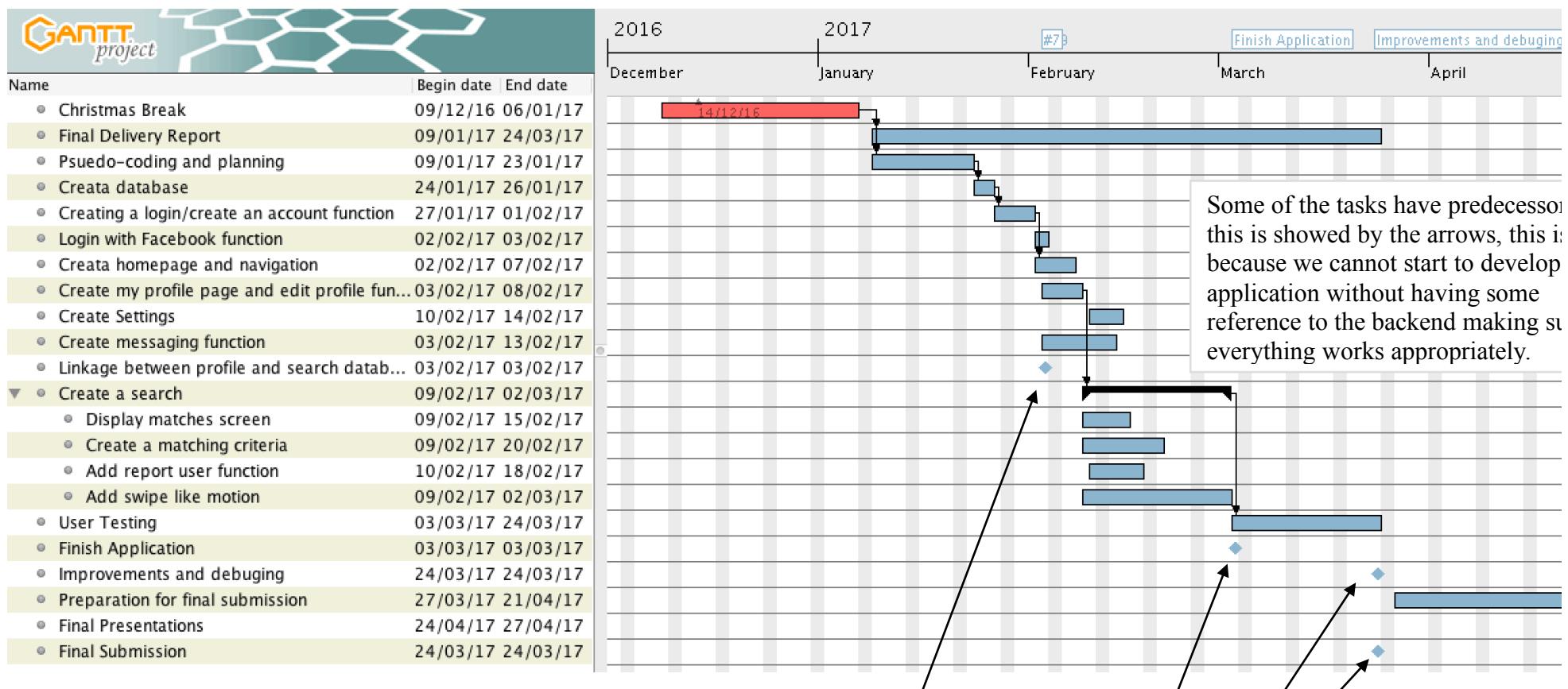


Figure 1: Gantt chart planning for the project once the idea was established, created using Gantt Project Software. Displays two milestones ; which are the deadlines.

This is the initial schedule for the entire project. After the Christmas break, next stages are still very vague. A more developed version is below.



This is the grant chart for the Implementation part of the project. There are 4 milestones. The first one is in the middle of the project, once we start to develop the application, to ensure that there is a linkage from the database to everything else according. The second milestone is to finish the application on time so we can proceed to User Testing which is fundamental since we must meet our user requirements. Third milestone is after User Testing making sure that any further changes and improvements are made accordingly from the user's feedback. The last milestone is the final submission for the project which is our University deadline.

Conclusion

In conclusion, we have found out that there is a broad design gap that could have been more precisely designed for the user by continuously getting feedback from them, however with time restriction in the project we had to be very efficient. There is a concern regarding this application with any physical security issues such as kidnappings etc., that could possibly happen since people will virtually get to know each other but then travel together in real life, however in the terms and condition of the application we will not be responsible for any criminal activities, however we will provide information regarding the situation to the police if necessary.

Surprisingly there has been a high interest in this application from several varieties of people, however a few concerning comments were that the application presented itself more like a dating application rather than travel application

In summary, we have found that there is nothing like this application on the market as of yet in the UK, therefore this made our research more interesting. There has been some complication regarding the designs and prototypes since all team members have had different ideologies, however we have managed to suppress some of the misconceptions and misunderstandings and followed through the most optimum design to fit all our research accordingly.

Bibliography

Marie Claire News February 4, 2015 *Happn: What you need to know about the newest dating app on the scene* <http://www.marieclaire.co.uk/life/sex-and-relationships/happn-what-you-need-to-know-about-the-newest-dating-app-on-the-scene-53061> accessed on 7/11/16 2pm

The New York Times May 23, 2014 *Women Alert to Travel's Darker Side*
http://www.nytimes.com/2014/05/25/travel/women-alert-to-travels-darker-side.html?_r=0

Accessed on 7/11/16 5pm

Pritchard.A 2007 *Tourism and Gender: Embodiment, Sensuality and Experience* CAB International.

<http://www.kantarworldpanel.com/global-smartphone-os-market-share/>

Appendices

Appendix A – track of meetings

Meeting	Attendance	Agenda
3/10/16 @ 1pm at the Stretch	Everyone	Discussion of possible ideas
10/10/16 @ 1pm at the Stretch	Everyone	Further discussion of the possible idea, further research to be conducted
14/10/16 Lab	Arman and Tanmim absent	Individual research of individual ideas
17/10/16@ 1pm at the Stretch	Everyone	Presentation of everyone's ideas for the software project and a brief discussion
19/10/16 meeting with Frederick at Natura Cafe	Everyone	Brief discussion on the different ideas and suggested we take a vote
21/10/16 lab	Arman and Pedro absent	Further discussion on ideas since voting couldn't take place with missing group members
24/10/16 @ 1pm at the Stretch	Everyone	Voted and everyone said their opinions
28/10/16 lab	Mohammed absent	Establishment of everyone's roles and input to the proposal and the brief planning how we are going to conduct research
7/11/16 @ 1pm at the Stretch	Tanmim absent	Planned the questionnaire and launched it, discussed everyone roles and clarified what everyone should do
11/11/16 lab	Everyone	Conducted the questionnaire, Mohammed enquired about the ethical audit and everyone contributed in a discussion
14/11/16 @ 1pm at the Stretch	Everyone	Discussion on the functionality of the app, as well as discussion on the questionnaire results. Jessica, Pedro and Tanmim planned to do the design samples.
18/11/16 lab	Everyone	Discussion over the designs Jessica, Pedro and Tanmim have done, and handed over to Arman for prototyping.

21/11/16 meeting with Frederick at Natura Cafe	Arman absent	Reviewed our designs and prototype, explain the ethical audit and what we should develop with the Gantt chart, recommend to conduct another questionnaire to clarify user requirements and the app functionality
25/11/16 lab	Everyone	Launched the second questionnaire to identify more specific user requirements and discuss the progress of the proposal with the group.
28/11/16 @ 1pm at the Stretch	Arman and Mohammed absent	Discussed everyone's progress with their part in the proposal and encouraged everyone to spread the questionnaire to as many people as possible.
2/11/16 lab	Arman absent	Analysed the results of the second questionnaire and drafted user requirements and how they will be met in the design of the application. Also appointed tasks that everyone has to before the Tuesday so we have review the proposal with Frederick before deadline.
5/11/16 Library @5pm	Everyone	Review the progress and finish off bits and pieces. Noticed conflict between the prototype and design, therefore discussed possible solutions.
6/11/ 16 Library @ 10 am and meeting with Frederick	Everyone	Review the design and prototype, discuss the conflicts further, came up with a solution to integrate them two. Reviewed bits and pieces with Frederick, decided to hand in a draft on Thursday.
7/11/16 library @9am		Preparation for the presentation taking today.

Appendix B – Questionnaire and Responses

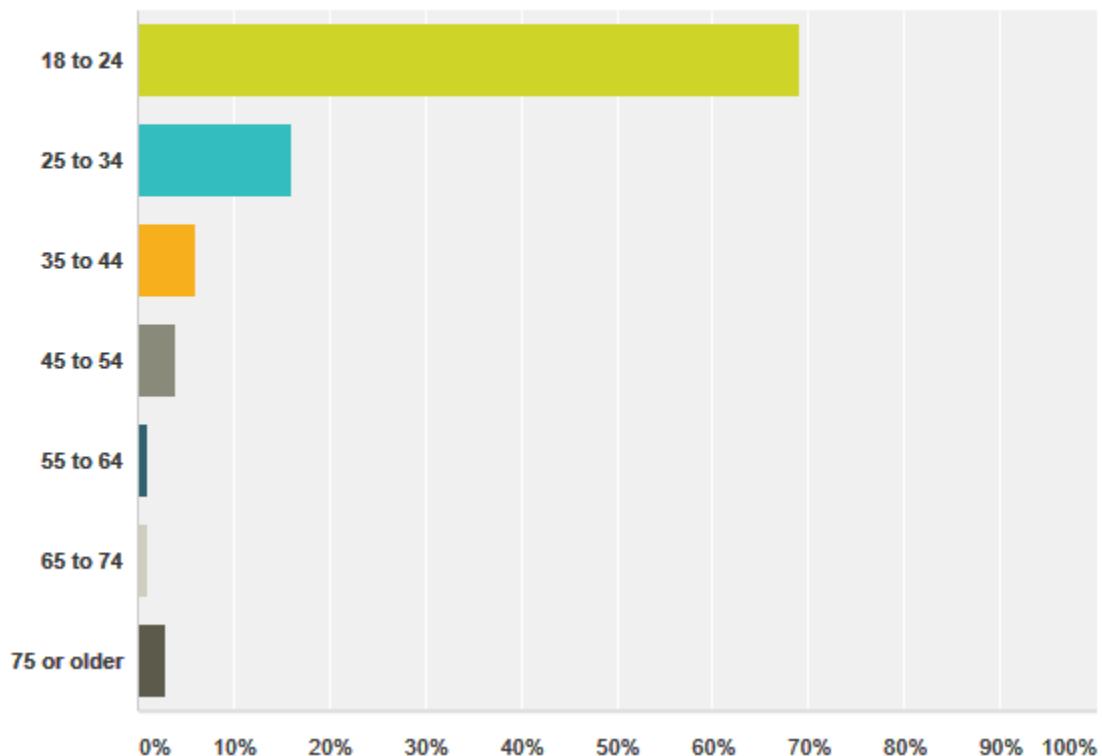
Questionnaire 1: **100** responses

None of our Group (L) Members participated to get fair and non-bias survey result.

Q1 :

What is your age?

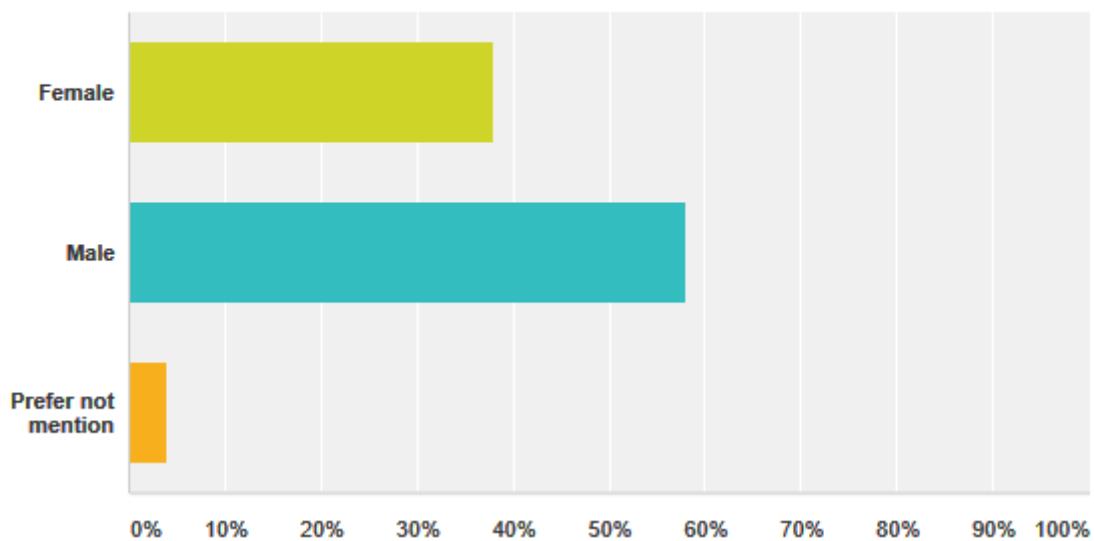
Answered: 100 Skipped: 0



Q2:

What is your gender?

Answered: 100 Skipped: 0



Q3:

How do you travel?

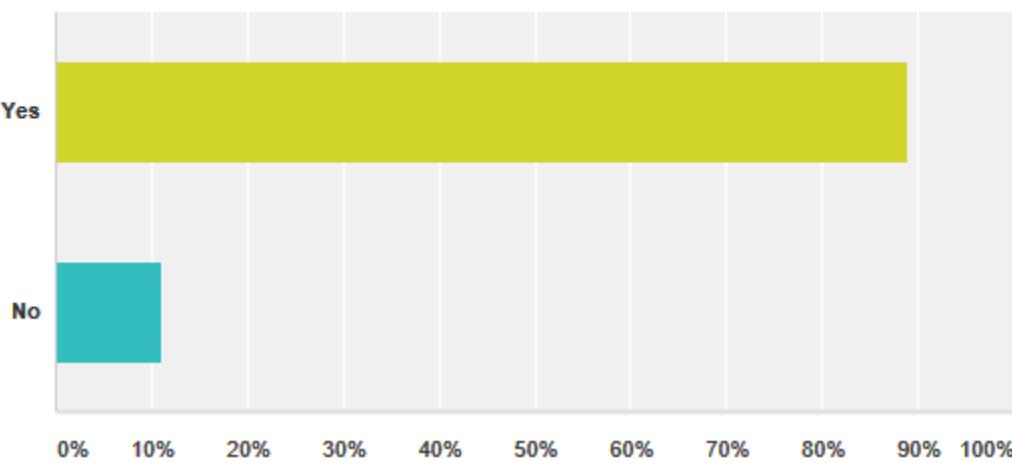
Answered: 99 Skipped: 1

	Daily	Weekly	Monthly	A few times a year	Less than a few times a year	Total
Car	18.18% 14	18.18% 14	11.69% 9	38.96% 30	12.99% 10	77
Bus	37.80% 31	28.05% 23	20.73% 17	8.54% 7	4.88% 4	82
Train	29.41% 25	25.88% 22	11.76% 10	23.53% 20	9.41% 8	85
Aeroplane	6.58% 5	0.00% 0	5.26% 4	48.68% 37	39.47% 30	76
Underground/Tube	38.10% 32	26.19% 22	22.62% 19	5.95% 5	7.14% 6	84
Walk	84.09% 74	11.36% 10	1.14% 1	2.27% 2	1.14% 1	88

Do you travel alone?

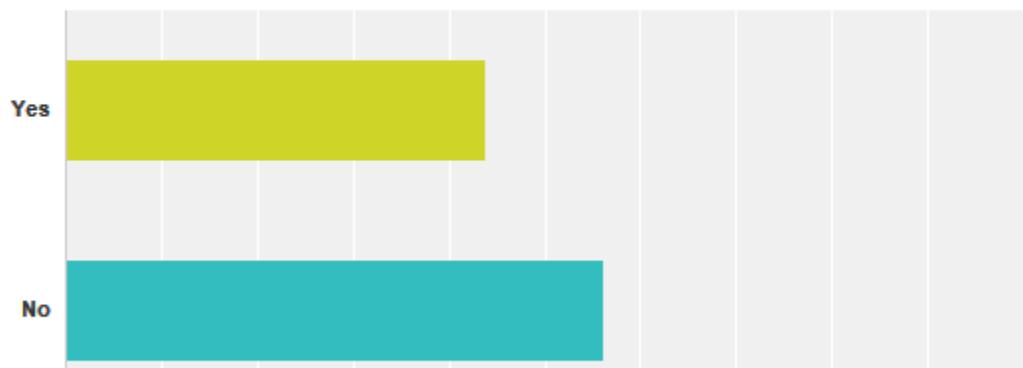
Answered: 99 Skipped: 1

Q4:



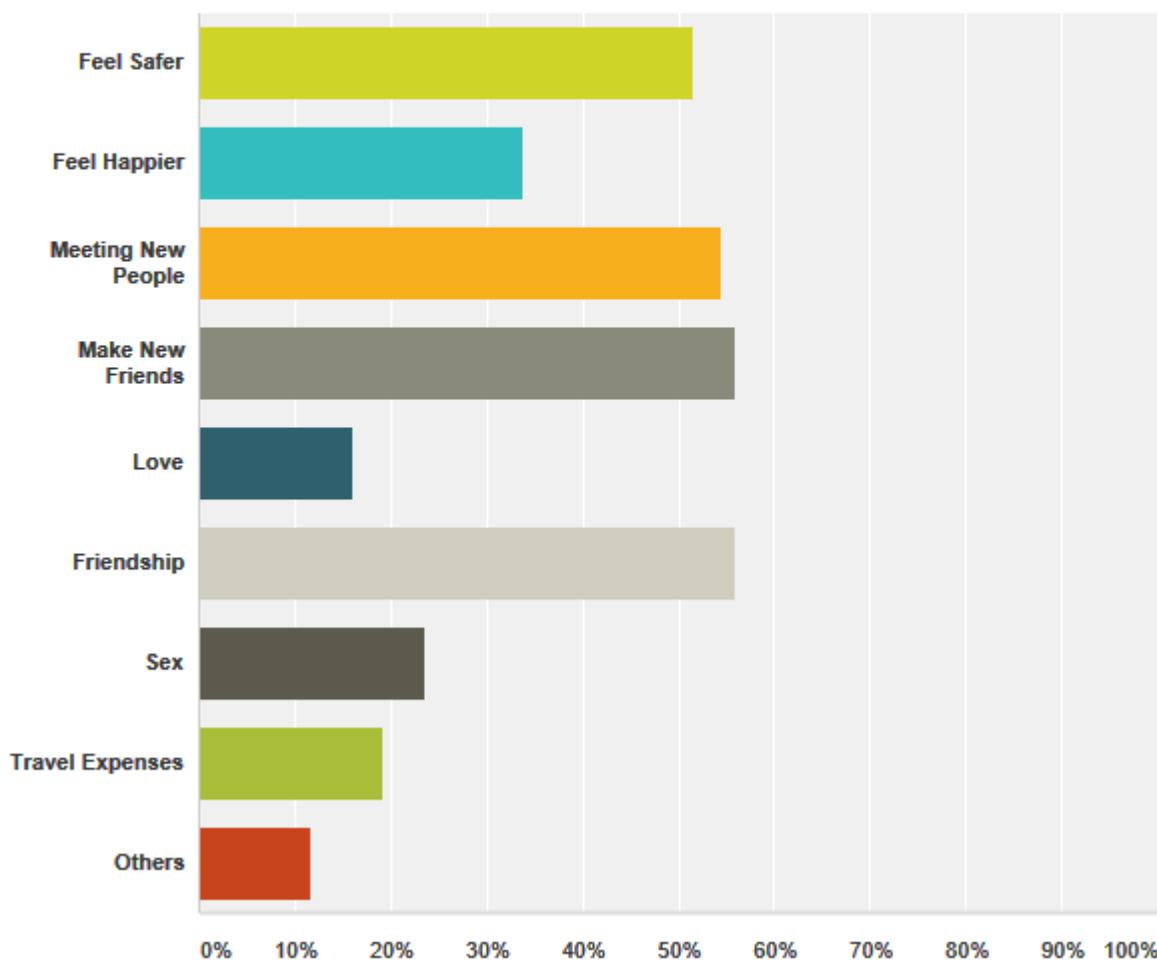
Q5: **Would you be interested finding a friend to travel with you?**

Answered: 98 Skipped: 2



Q6: **Why would you be interested finding a friend to travel with you?**

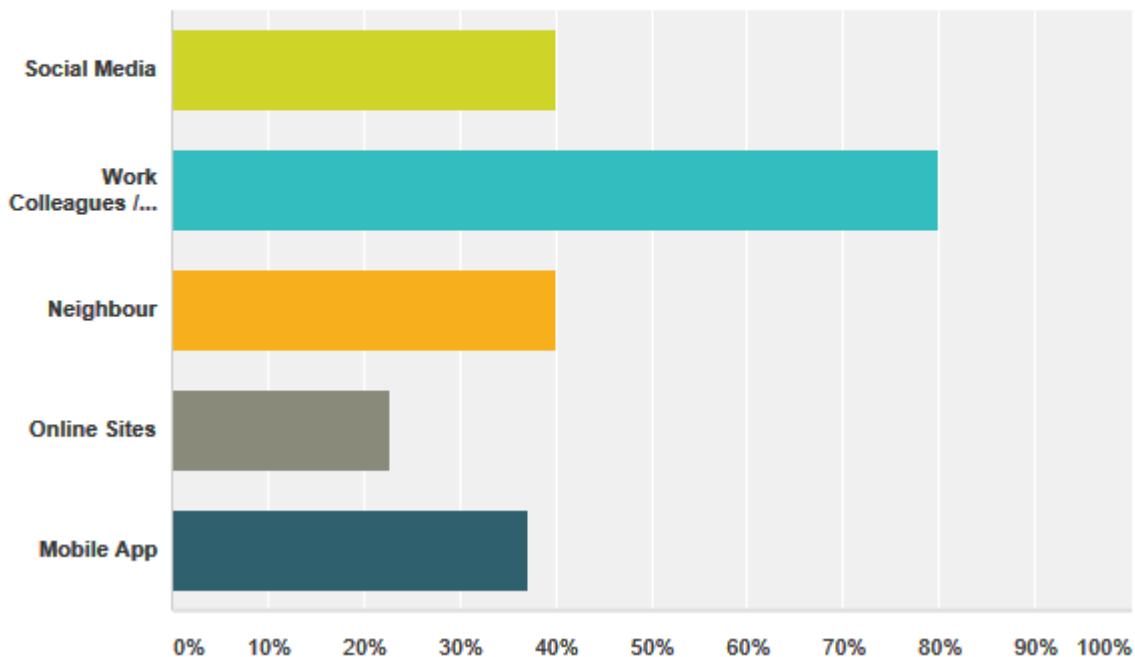
Answered: 68 Skipped: 32



Q7:

How would you be interested finding a friend to travel with you?

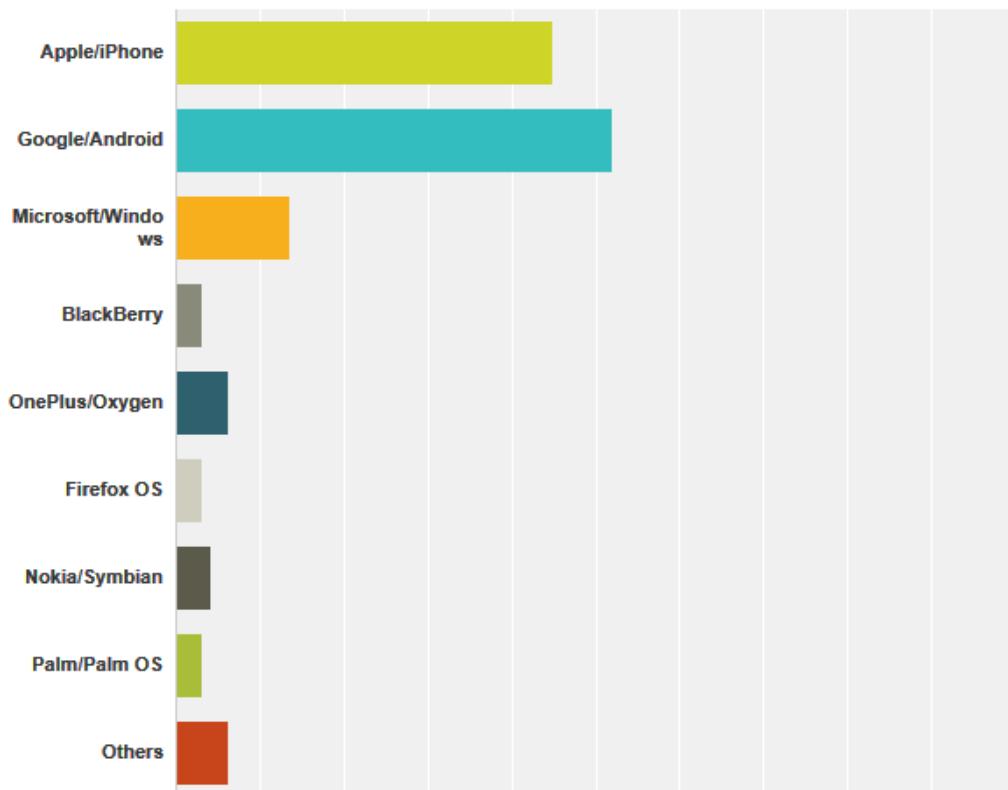
Answered: 70 Skipped: 30



Q8:

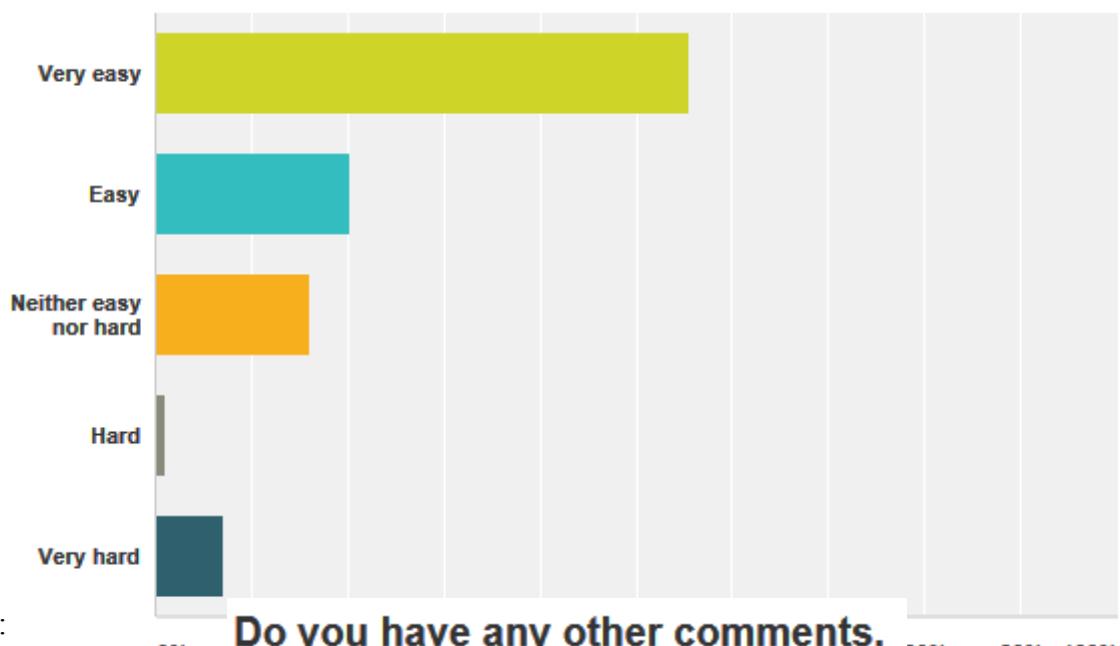
Which mobile phone/device do you use?

Answered: 96 Skipped: 4



Q9: **How easy or hard was this survey for you?**

Answered: 99 Skipped: 1



Q10:

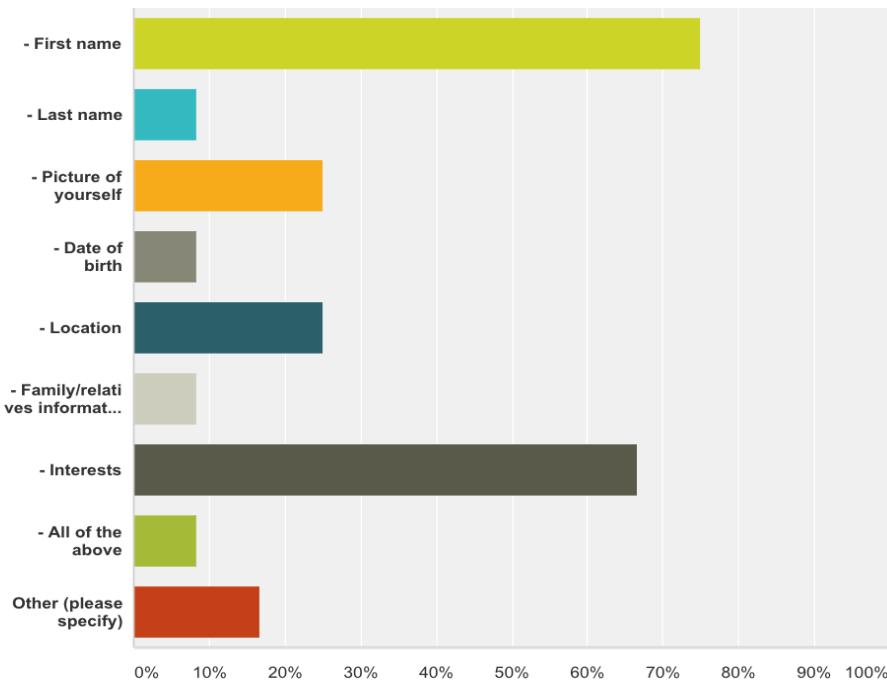
Do you have any other comments, questions, or concerns?

Answered: 29 Skipped: 71

Questionnaire 2:

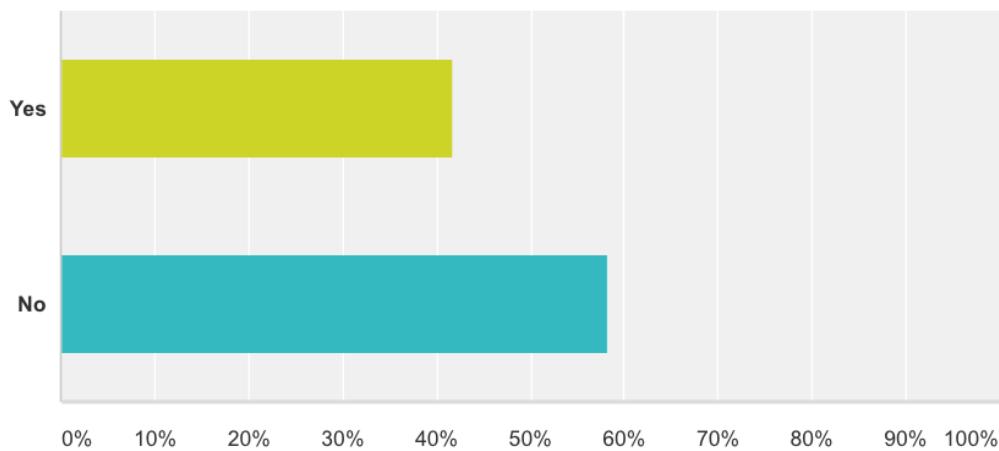
Which of the following do you feel safe sharing with the world (public): [MULTIPLE CHOICES ACCEPTED]

Answered: 12 Skipped: 0



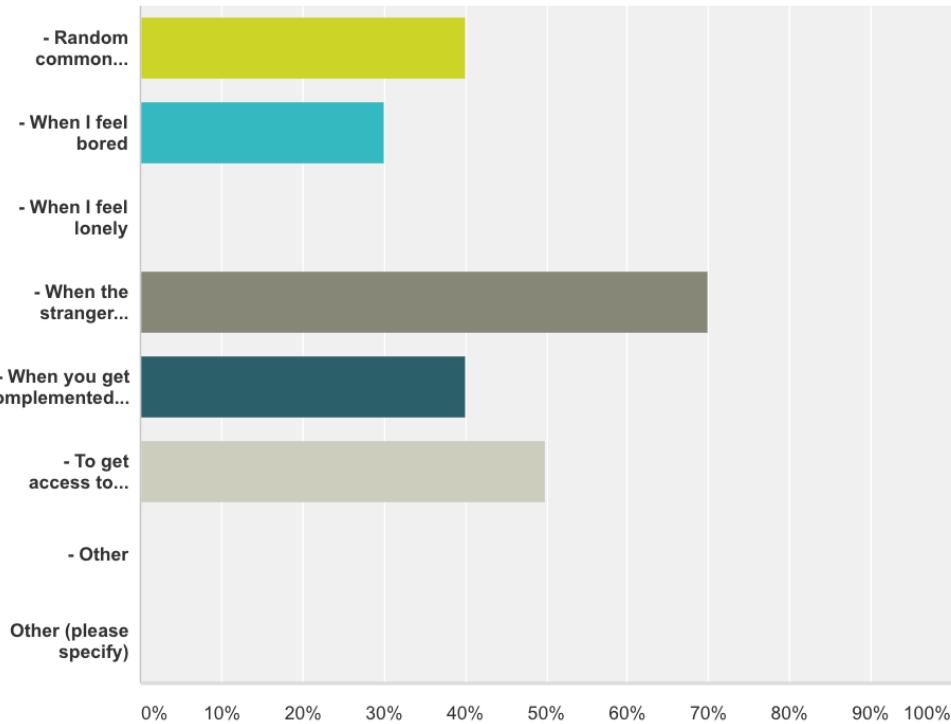
When you travel alone do you occasionally speak to strangers?

Answered: 12 Skipped: 0



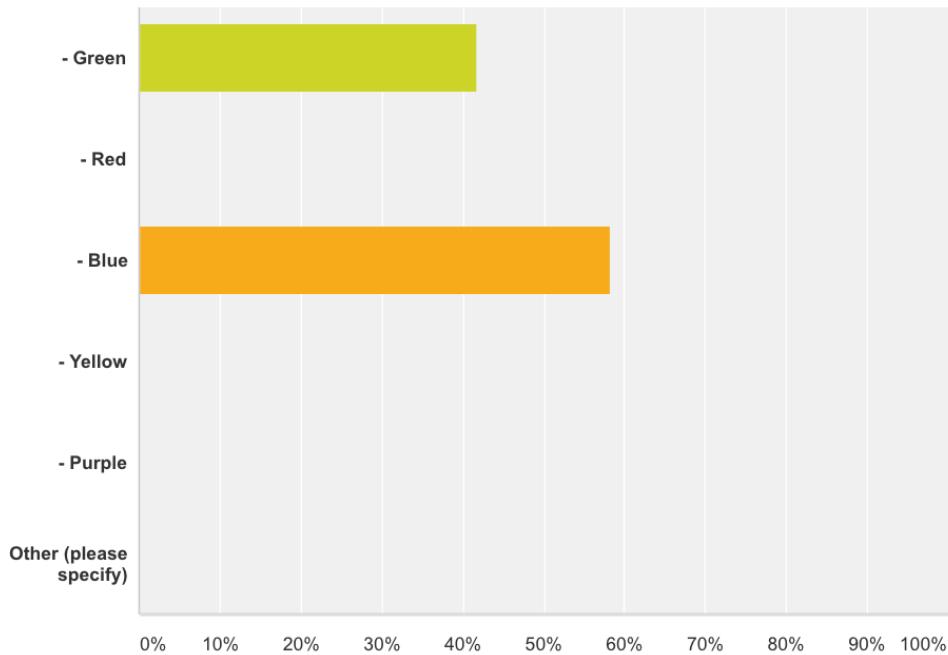
What most motivates you to speak to strangers?

Answered: 10 Skipped: 2



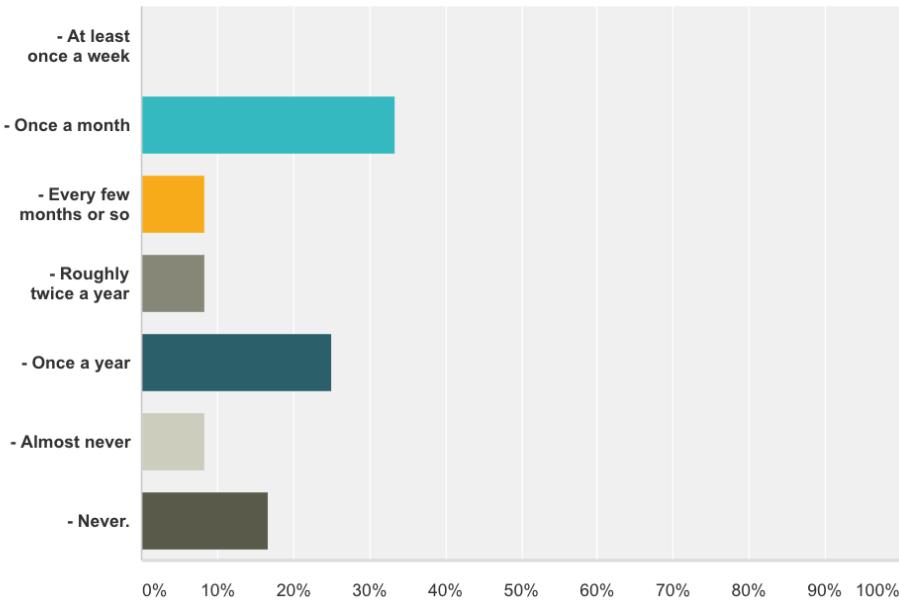
Which 'colour' is most appropriate to a 'Travel' app theme?

Answered: 12 Skipped: 0



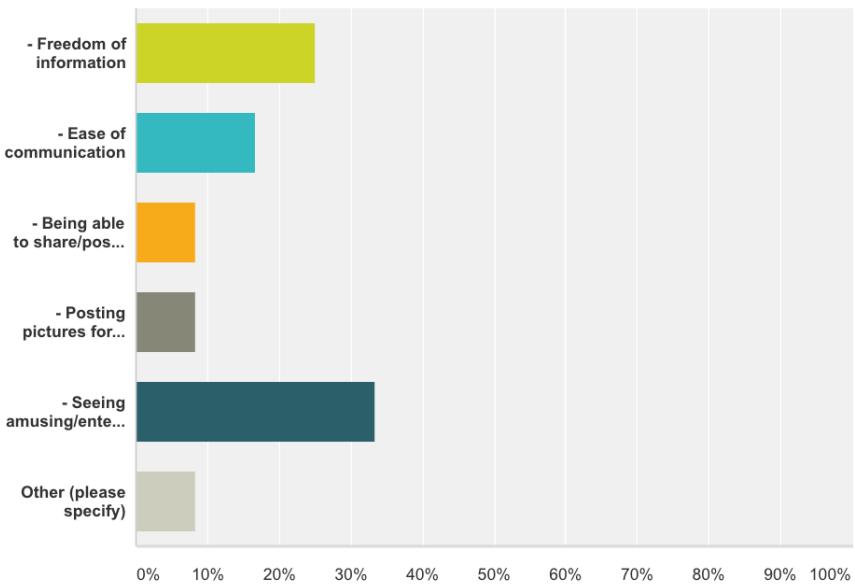
How likely are you to spontaneously plan a trip?

Answered: 12 Skipped: 0



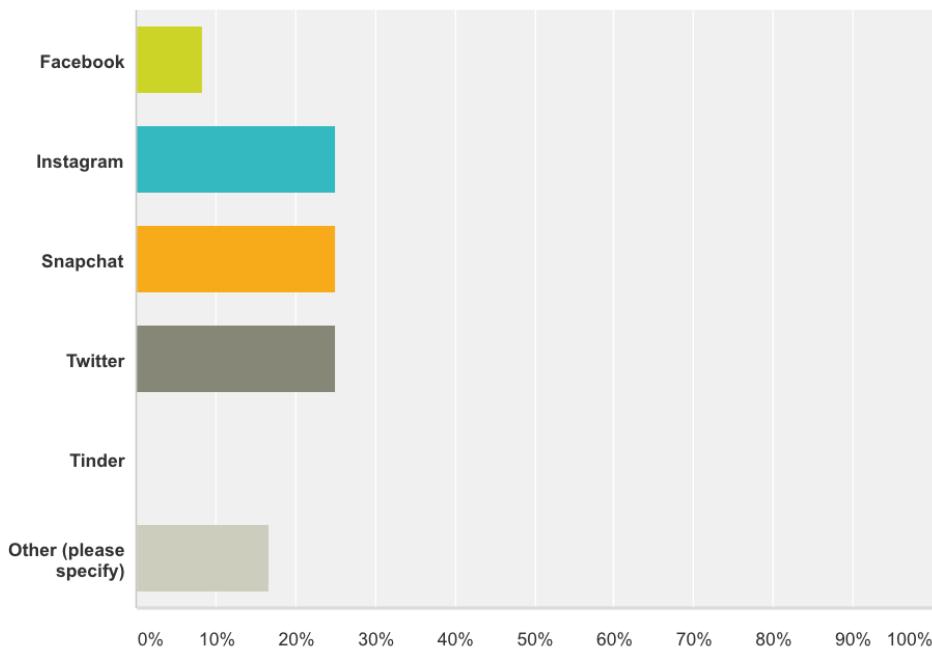
What feature do you most enjoy about it?

Answered: 12 Skipped: 0



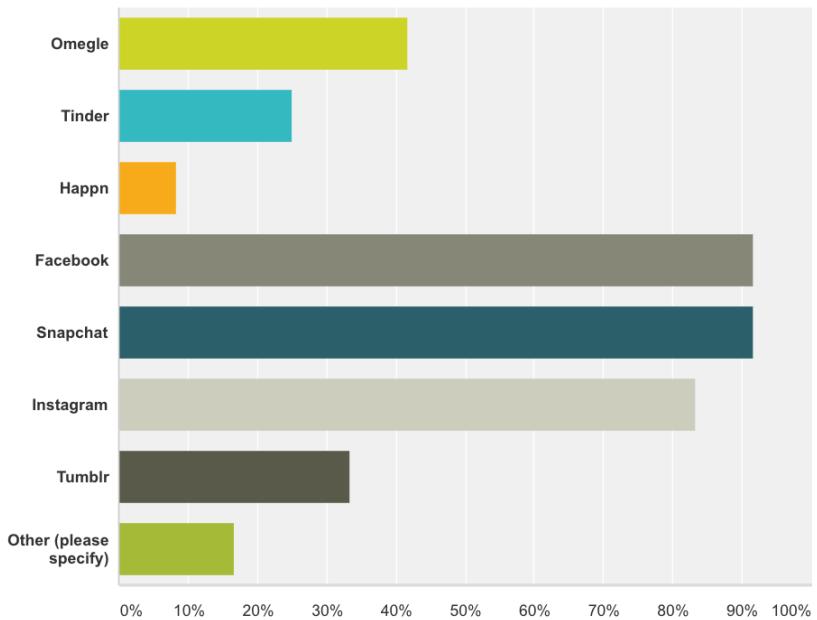
What is your favourite social media application?

Answered: 12 Skipped: 0



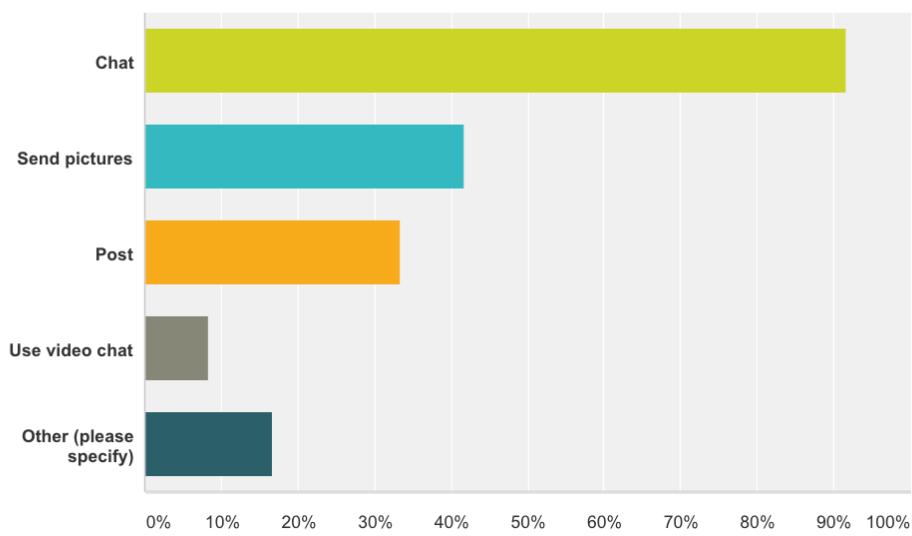
Have you ever used one or more these web applications?

Answered: 12 Skipped: 0



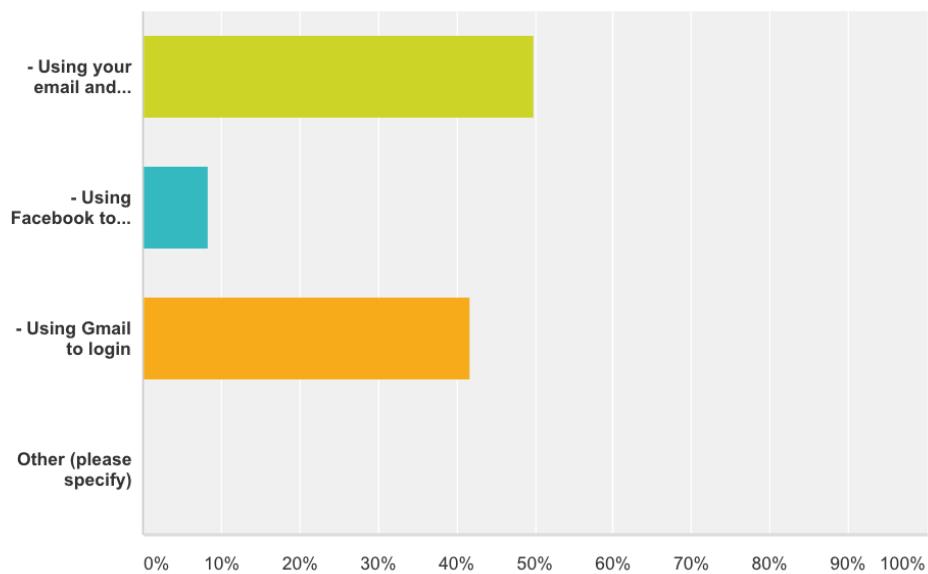
What do you do most when using social media:

Answered: 12 Skipped: 0



When registering a new account for an app or a website, which method do you prefer to create the account?

Answered: 12 Skipped: 0



Appendix C- Personas

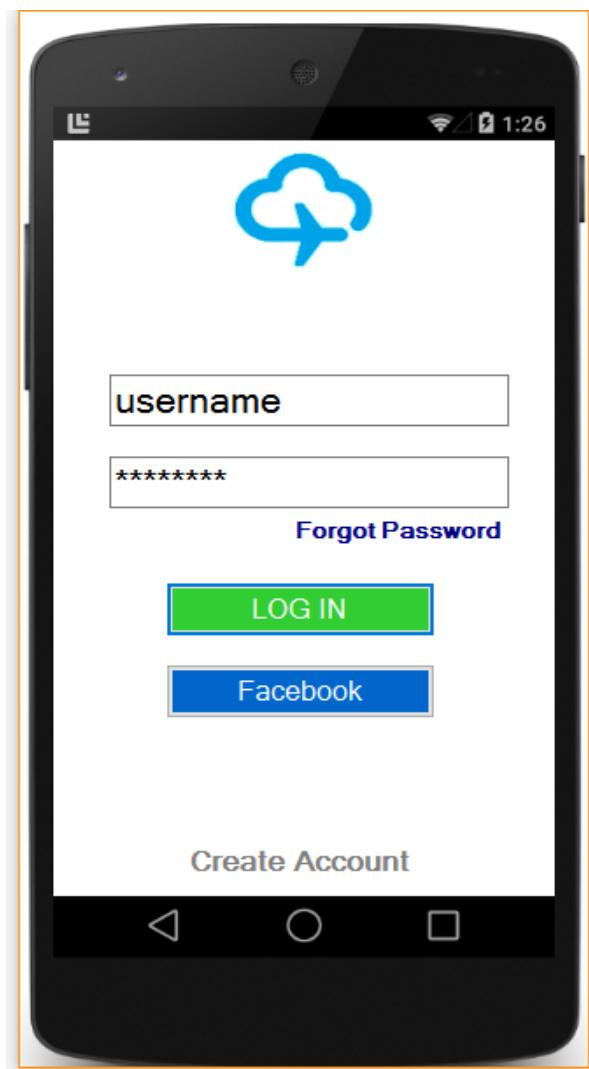
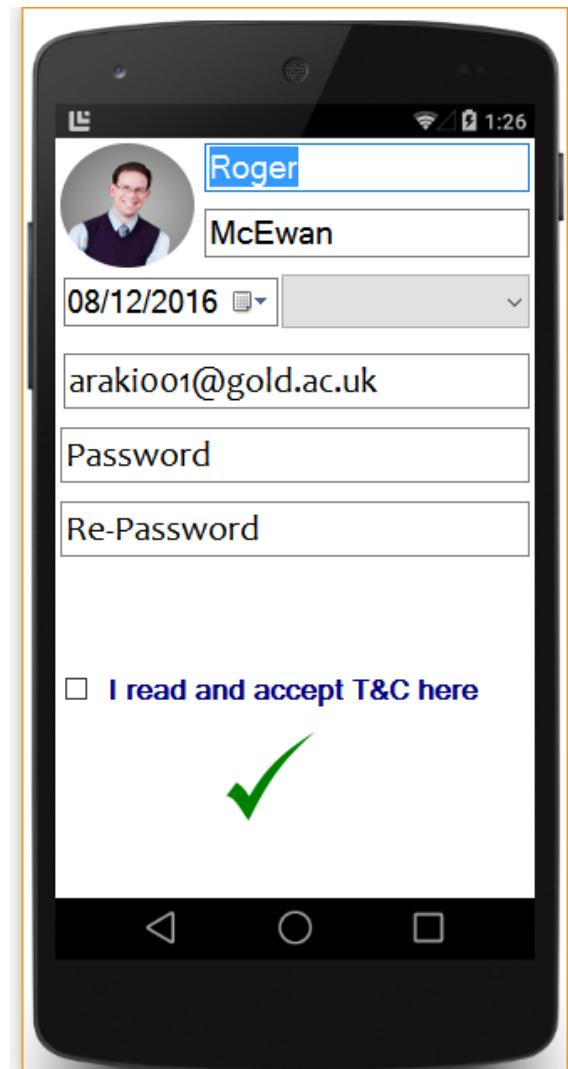
	Detail	Works
	<p>Age: 24 Name: Alice She works at this small local Café while studying Arts at Goldsmiths. She is originally from Romania and she misses her family dearly. This year in the summer she is planning to go to Paris, however she is a bit worried since she is going alone, that something might happen to her. She likes hiking and swimming however she does not like camping since she hates mosquitoes.</p>	<p>When Alice uses our application, she will be looking for someone that would like to go with her Paris. She may have some common interests with several users but everything will be entered in the description or as tags. It's up to her who she decides to go with therefore she has the option of meeting the person before the trip and get to know them. The system will search for the "Paris" and match her with the best possible match with her requirements.</p>
	<p>Age: 38 Name: Alex Alex, is currently working in hospitality. He lives with his friends but can't wait to move out, he is also thinking of migrating once he finds a new job. He loves hearing people's stories about their travels, and can't wait until he does it himself. He would like to go to Thailand however is a bit worried that going alone might be boring. He loves going out and wants to experience Thailand's culture. He has heard it's very beautiful but currently deals with a lot of poverty, however he would like to donate his luggage to an orphanage at the very end of his journey with all his belongings.</p>	<p>Alex is planning to go to Thailand and the application will match him with anyone with similar tags eg. "Charity", "Culture" etc. this will make his matches more defined as well as he will find people not only going to Thailand but wanting to do similar activities like him since they share a common target.</p>

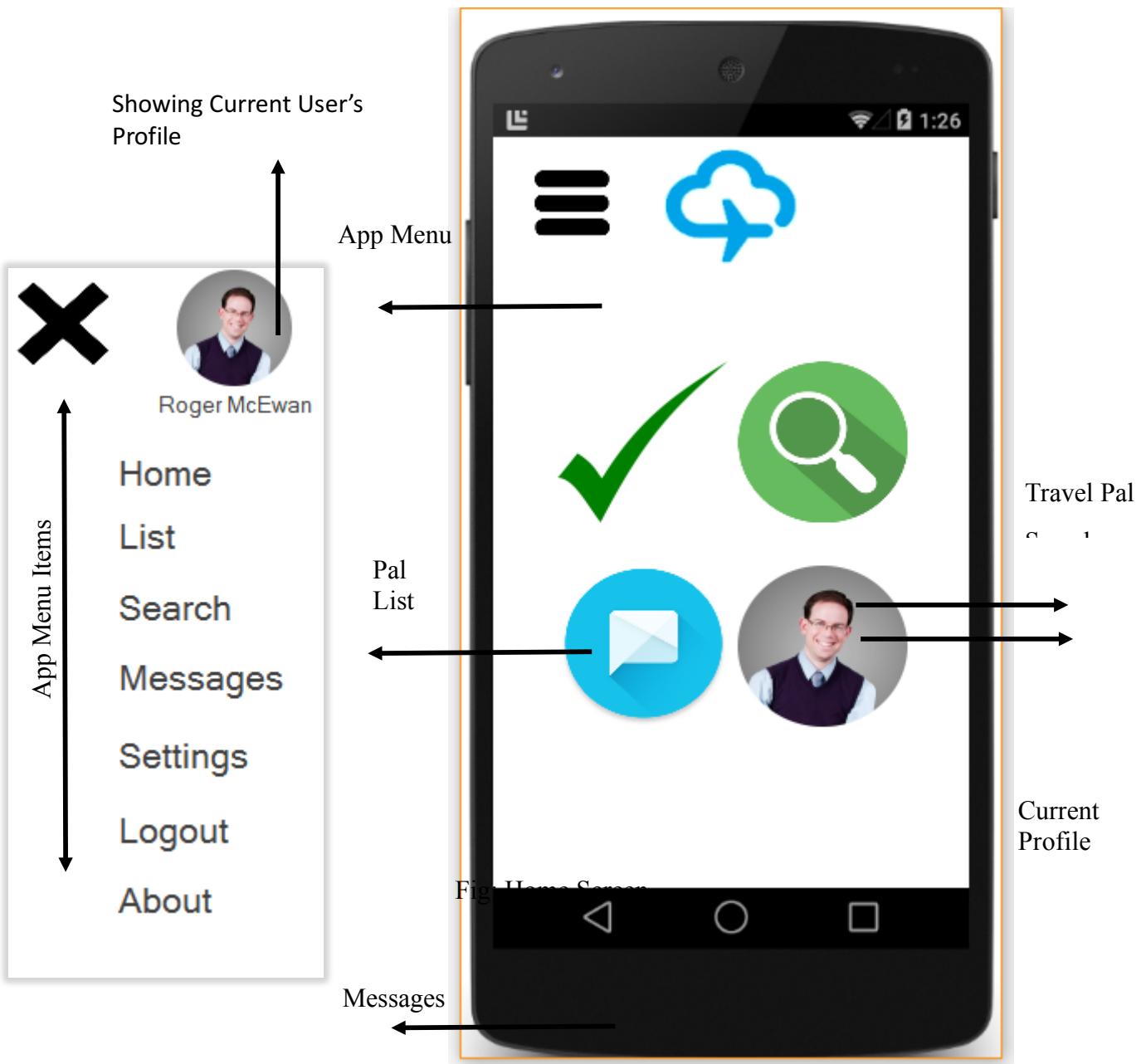
Appendix D- Prototype Versions

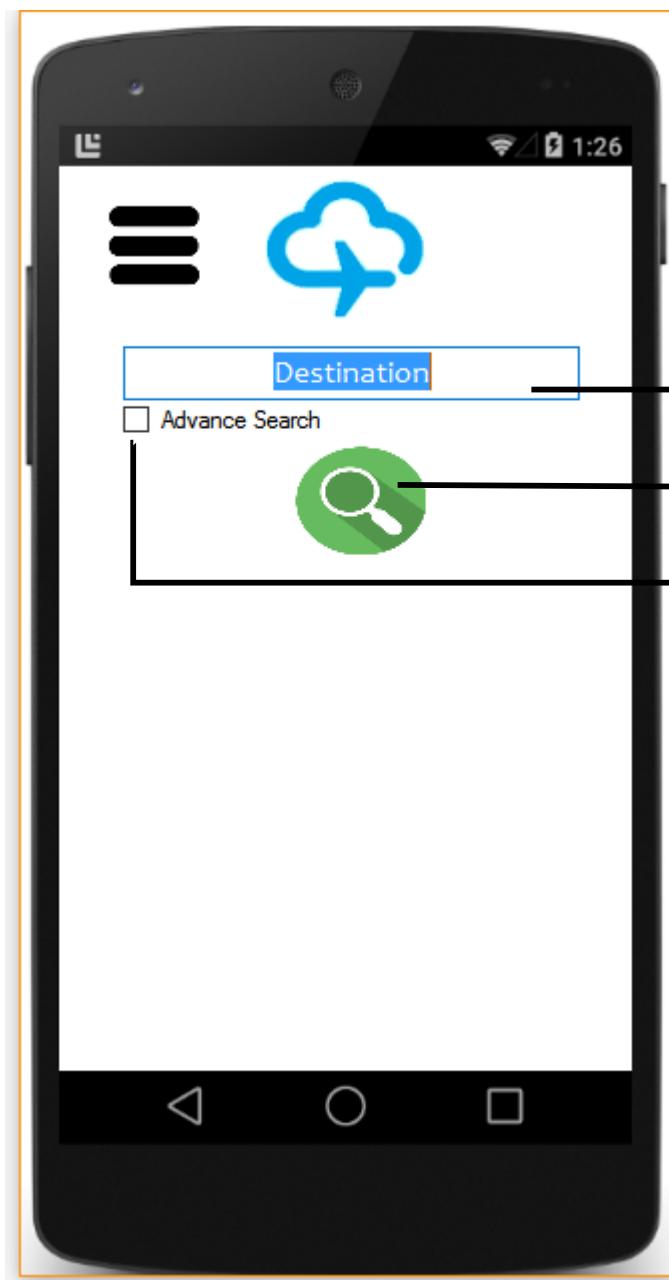
Prototype Version: 3

(this prototype has been developed using Visual Studio & VB.NET to demonstrate functionalities of the app. However, the original Travel Pal app is an Android Mobile App and shall be developed using Android Studio.)

Prototype Video Link:

Login Screen**Create Account**





Travel Pal app allow members to find accompany while members wish to travel to same destination

Destination
Search Button
Advance Search Option

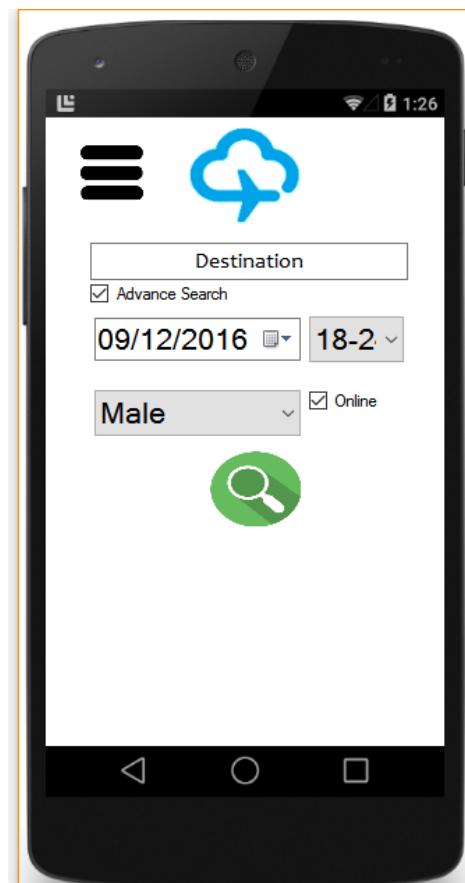


Fig: Pal Search Screen (Advance)

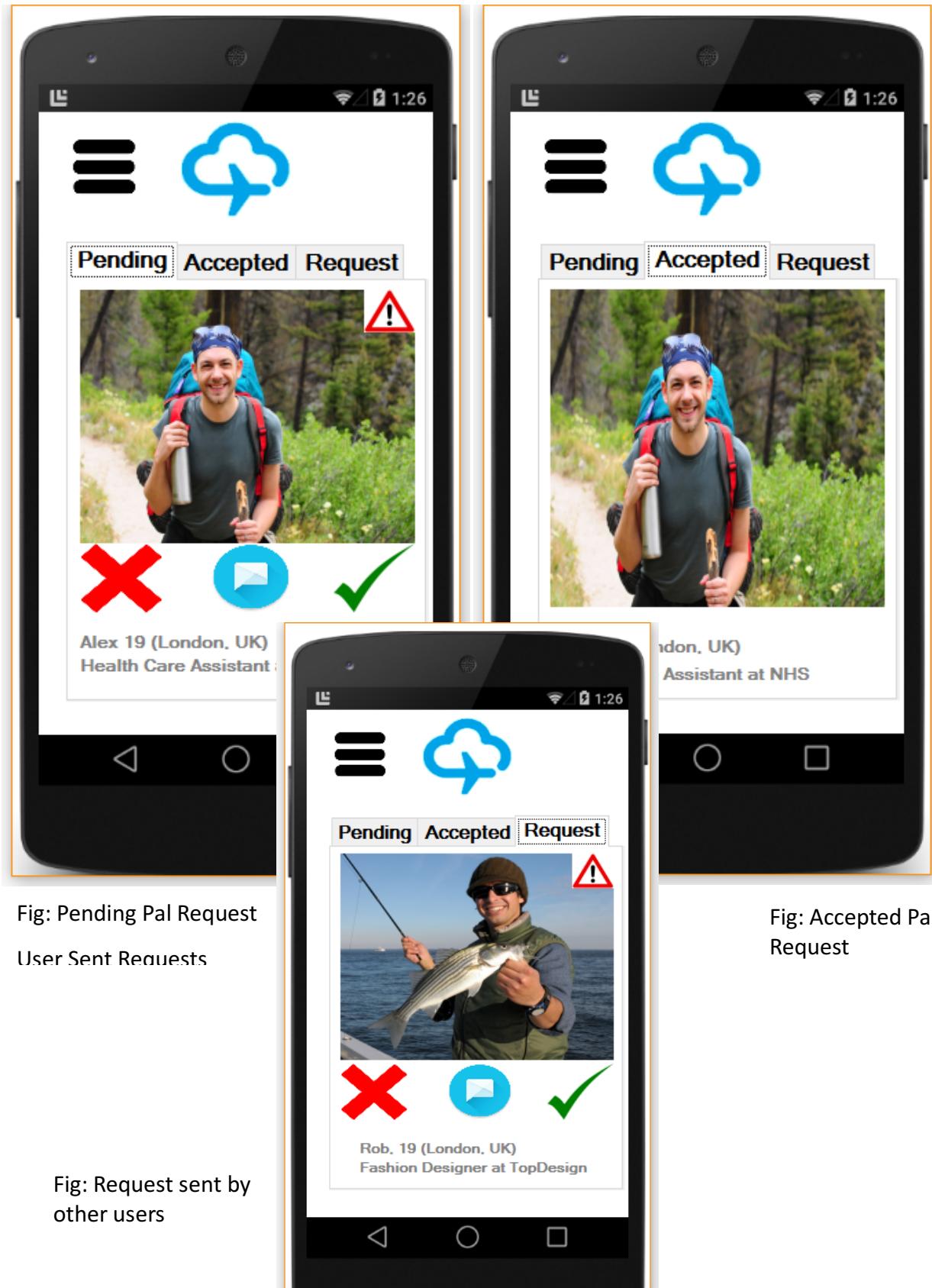
A basic search can be performed based on destination to travel. If additional search criteria are needed, then user can select 'Advance Search' option to narrow the search criteria for nearest match result. In addition, Travel Pal app shall sort the result according to best match between user's tag (defined in user's profile), if the person sent join request to the user and user's previous pal selection history.

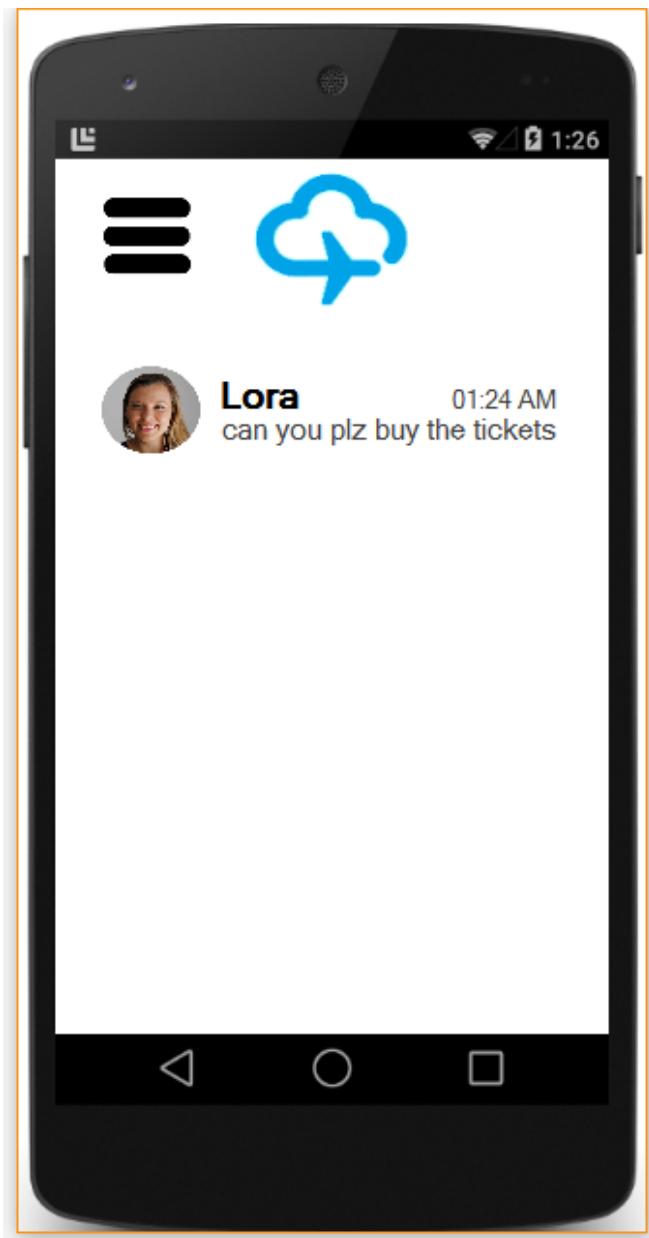
However, if no result can be found then the app may create a plan into the database based on search

Pal search result may be displayed on screen as One Pal's details. User then have option to send join request or reject pal.as soon as user made choice next pal's detail will appear on screen and so on.



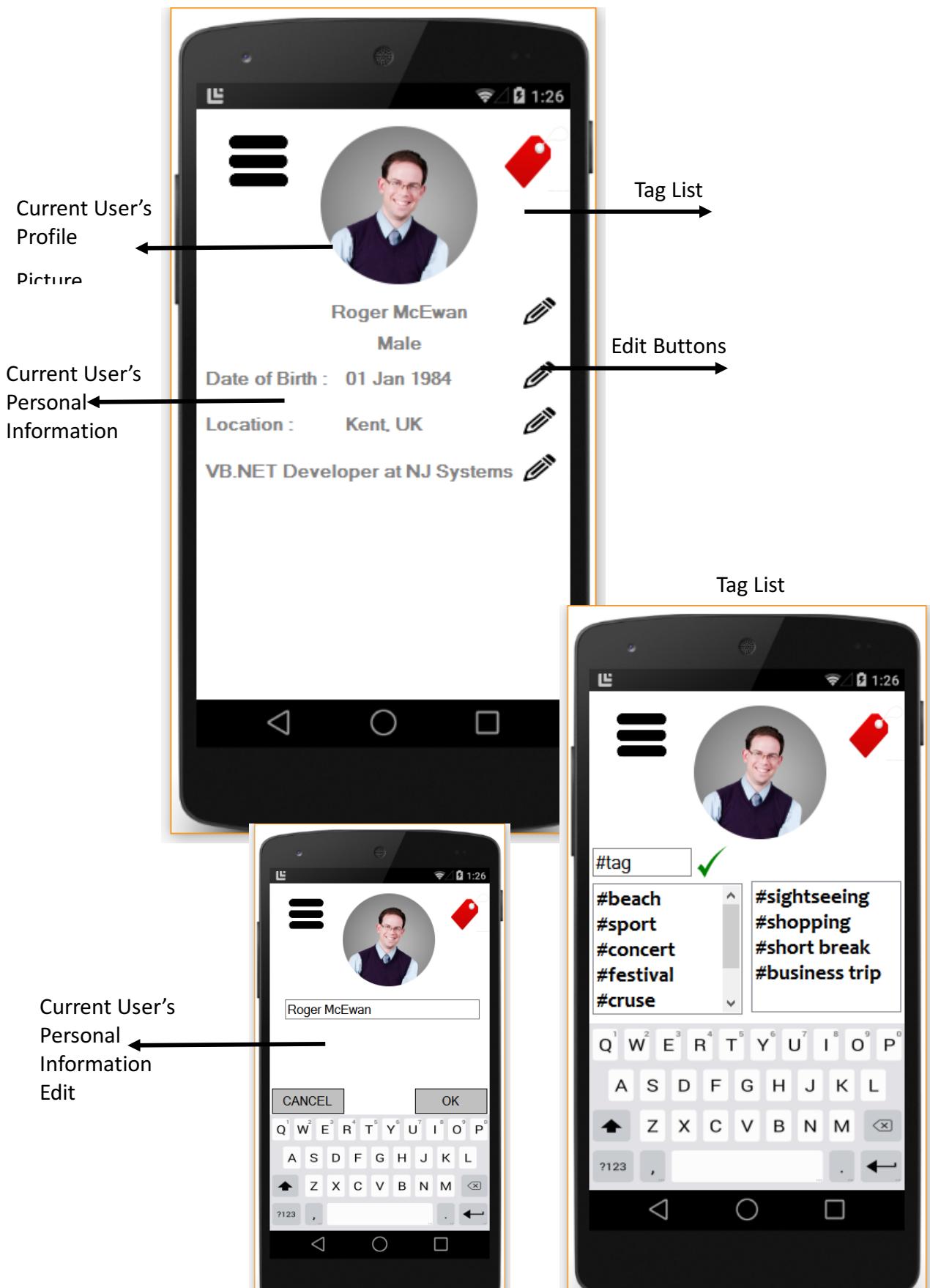
List of Pending, Accepted or Requesting Pal can be found on List Menu in App Menu.





Messaging option allow users to communicate with each other. They may also report any user.





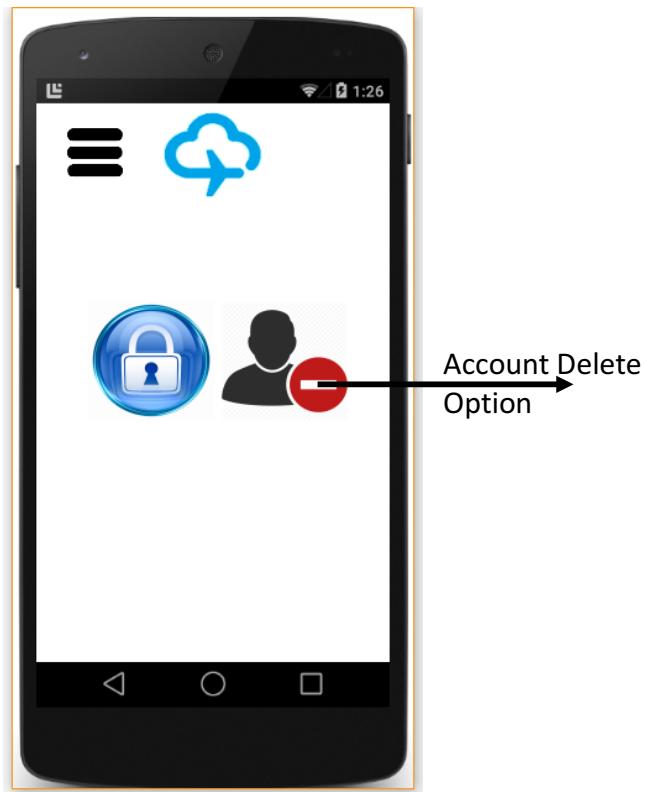


Fig: App Setting Screen

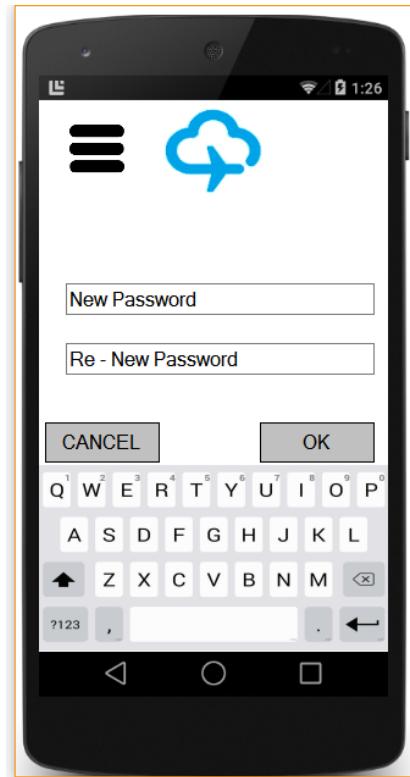


Fig: Change Password Option

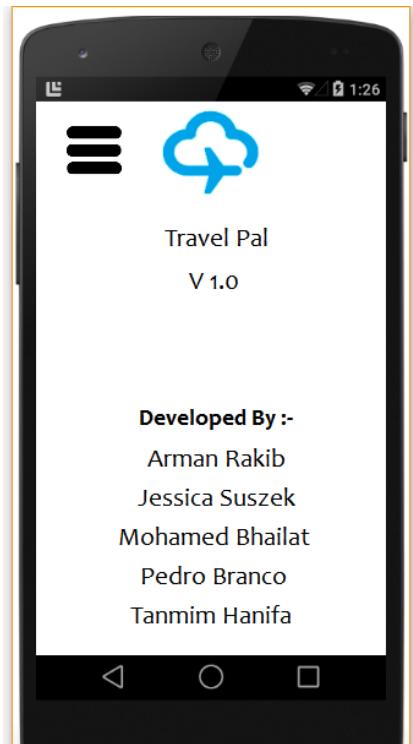
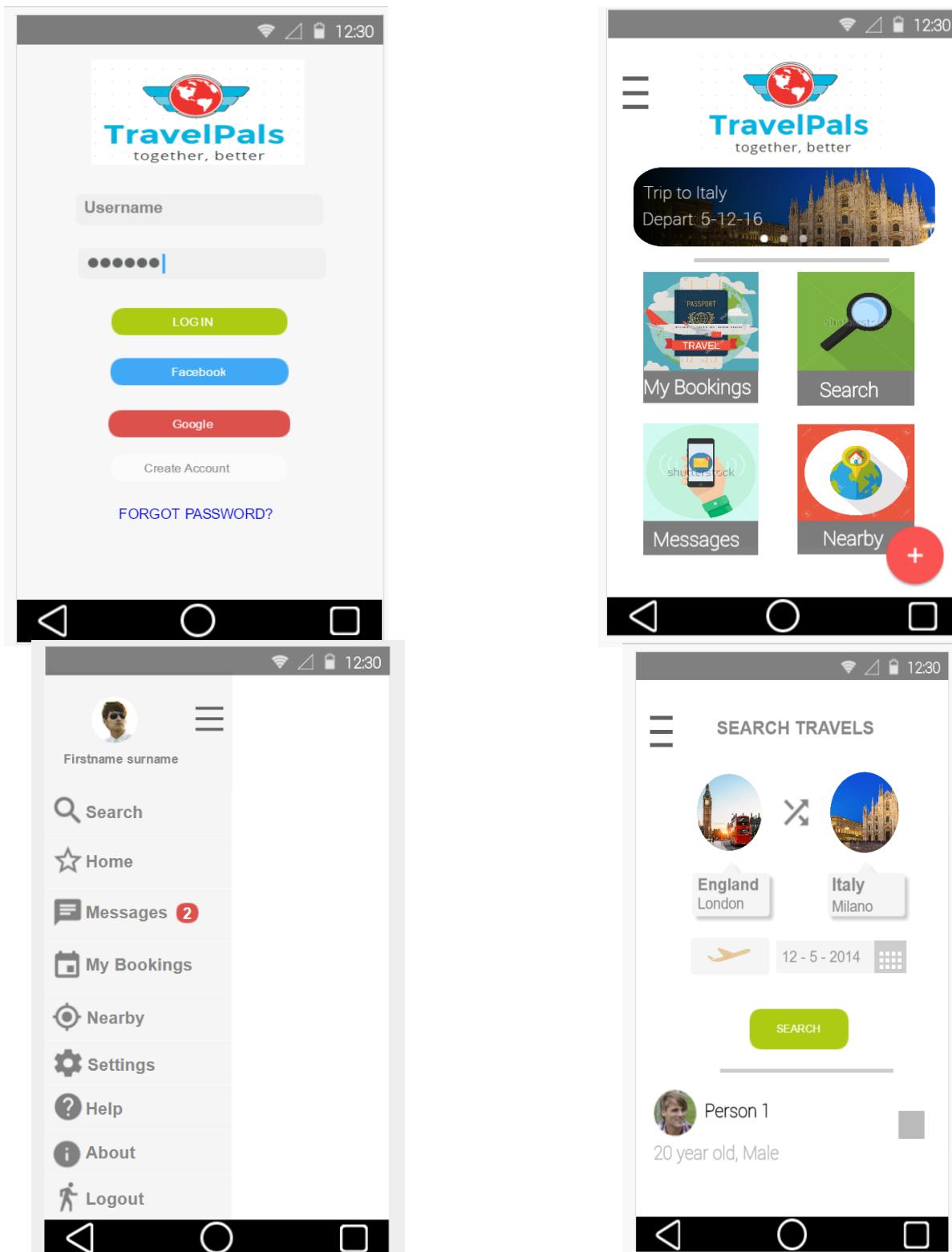
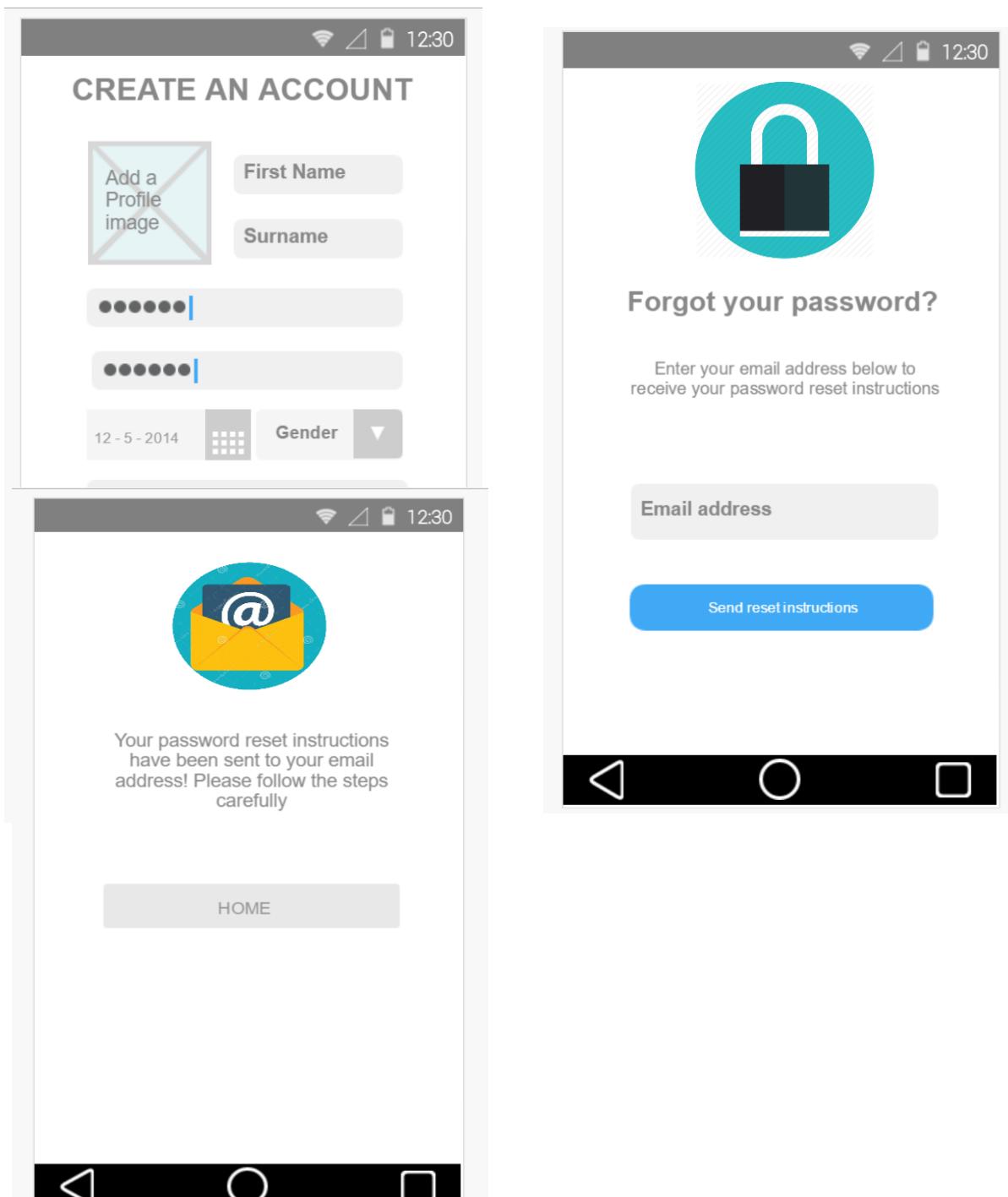


Fig: About

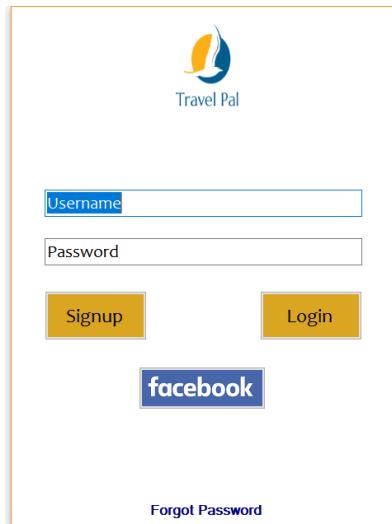
Prototype Version 2:





PROTOTYPE VERSION 1:

(this has been developed using Visual Studio & VB.NET to demonstrate functionalities of the app. However, the original Travel Pal app is an Android Mobile App and shall be developed using Android Studio.)



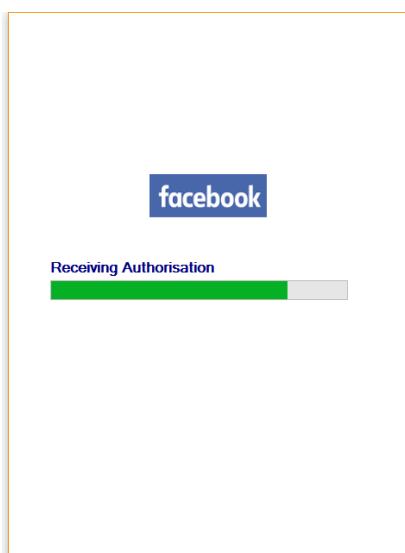
The Login Screen features a logo for 'Travel Pal' at the top. Below it are two input fields: 'Username' and 'Password'. Underneath these are two yellow rectangular buttons labeled 'Signup' and 'Login'. A blue rectangular button labeled 'facebook' is positioned below the login buttons. At the bottom left is a blue link 'Forgot Password'.

Login Screen



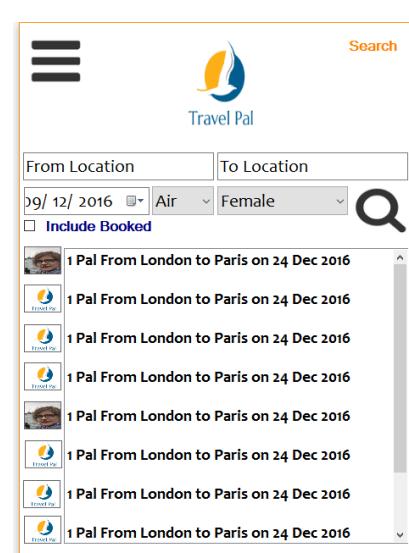
The Signup Screen contains a profile picture of a man and his name 'Arman'. Below it is another field with 'Rakib' and 'Kent, united Kingdom'. A date and time input field shows '09/ 12/ 2016' and an email field contains 'arakio01@gold.ac.uk'. There are two input fields for 'Password' and 'Re-Password'. A section titled 'About Me' follows. At the bottom are three buttons: a checked checkbox for 'I read and accept T&C here', a 'Cancel' button, and a yellow 'Signup' button.

Signup Screen



This screen shows a large blue 'facebook' button. Below it is a progress bar with the text 'Receiving Authorisation' above it. The background is white with a light gray gradient at the bottom.

Login Using Facebook Screen



The Home Screen includes a search bar with a magnifying glass icon and the word 'Search'. It features a logo for 'Travel Pal' and a navigation menu icon (three horizontal lines). Below these are search filters for 'From Location', 'To Location', date '09/ 12/ 2016', mode 'Air', gender 'Female', and a checked checkbox for 'Include Booked'. A scrollable list of travel records is displayed, each showing a small profile picture, the trip details ('1 Pal From London to Paris on 24 Dec 2016'), and the 'Travel Pal' logo.

Inputting Search on Home Screen

Search Result



Pal Rating High -> Low

	1 Pal From London to Paris on 24 Dec 2016
	1 Pal From London to Paris on 24 Dec 2016
	1 Pal From London to Paris on 24 Dec 2016
	1 Pal From London to Paris on 24 Dec 2016
	1 Pal From London to Paris on 24 Dec 2016
	1 Pal From London to Paris on 24 Dec 2016
	1 Pal From London to Paris on 24 Dec 2016
	1 Pal From London to Paris on 24 Dec 2016
	1 Pal From London to Paris on 24 Dec 2016
	1 Pal From London to Paris on 24 Dec 2016

Pal Detail



Jessica Suszek (22) Female
London, United Kingdom
jsusz001@gold.ac.uk

280



Stanstead Airport, LND
11:45 24/12/2016
22:00 02/01/2017

OPEN 1 MALE

Note

<< Join Message

Search Result**Pal Detail**

Pal Rating Detail



280

282 **2**

	Very Friendly and Helpful.
	Great personality
	late ..
	Looking forward to meet you again
	helpful pal
	funny and helpful. had very nice time
	highly recommended
	smart and helpful
	too professional :(

My Pal List

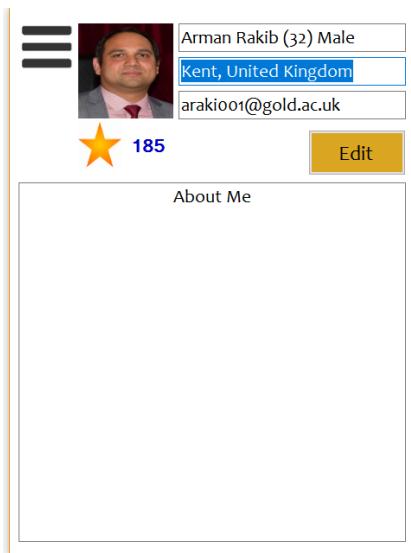


Date Asc -> Desc

	1 Pal From London to Paris on 24 Dec 2016
	1 Pal From London to Paris on 24 Dec 2016
	1 Pal From London to Paris on 24 Dec 2016
	1 Pal From London to Paris on 24 Dec 2016

Like **Comments** **Submit**

Pal Rating Detail**My Pal List and Ratings Provided**



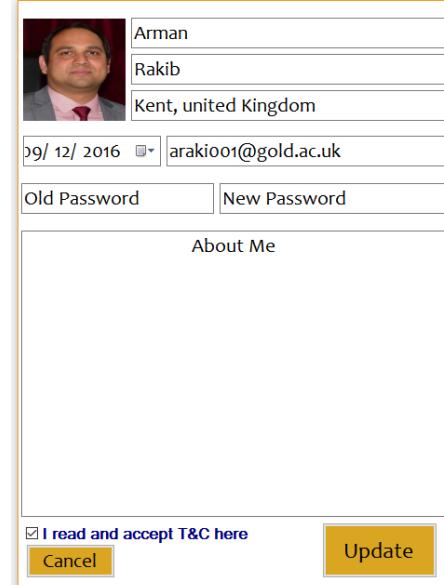
Arman Rakib (32) Male
Kent, United Kingdom
arakio01@gold.ac.uk

 185

About Me

Edit

My Profile



Arman
Rakib
Kent, united Kingdom

09/ 12/ 2016 | arakio01@gold.ac.uk

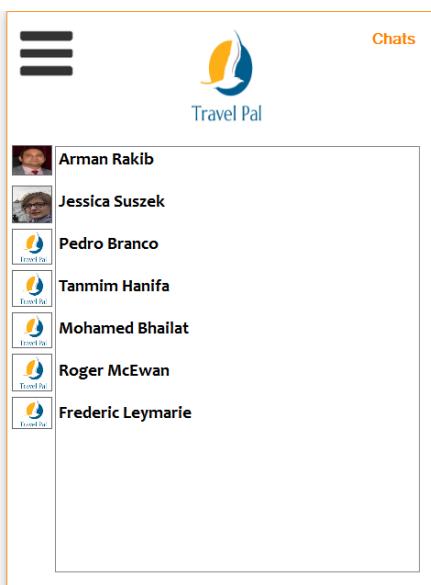
Old Password | New Password

About Me

I read and accept T&C here

Cancel | Update

Editing My Profile



Travel Pal

Chats

- Arman Rakib
- Jessica Suszek
- Pedro Branco
- Tanmim Hanifa
- Mohamed Bhailat
- Roger McEwan
- Frederic Leymarie

Message Screen



Jessica Suszek ★ 280

Hi

great
where are you from

I am from kent, UK

<< | Send

Active

TRAVEL PALS

51



Travel Pal

London, UK Paris, France

11:45 09/12/2016 ▾ Air 1
22:00 09/12/2016 ▾ Female

Stanstead Airport, LND

Note

Submit

Create Pal Request

- Approval List
- Pal Rating High → Low
- | | 1 Pal From London to Paris on 24 Dec 2016 |
|---------------|---|
| [Profile Pic] | 1 Pal From London to Paris on 24 Dec 2016 |
| [Profile Pic] | 1 Pal From London to Paris on 24 Dec 2016 |
| [Profile Pic] | 1 Pal From London to Paris on 24 Dec 2016 |
| [Profile Pic] | 1 Pal From London to Paris on 24 Dec 2016 |
| [Profile Pic] | 1 Pal From London to Paris on 24 Dec 2016 |
| [Profile Pic] | 1 Pal From London to Paris on 24 Dec 2016 |
| [Profile Pic] | 1 Pal From London to Paris on 24 Dec 2016 |
| [Profile Pic] | 1 Pal From London to Paris on 24 Dec 2016 |
| [Profile Pic] | 1 Pal From London to Paris on 24 Dec 2016 |
| [Profile Pic] | 1 Pal From London to Paris on 24 Dec 2016 |
| [Profile Pic] | 1 Pal From London to Paris on 24 Dec 2016 |
| [Profile Pic] | 1 Pal From London to Paris on 24 Dec 2016 |
| [Profile Pic] | 1 Pal From London to Paris on 24 Dec 2016 |
| [Profile Pic] | 1 Pal From London to Paris on 24 Dec 2016 |
| [Profile Pic] | 1 Pal From London to Paris on 24 Dec 2016 |
- Deny Accept

Approval List (Pal Join request sent)



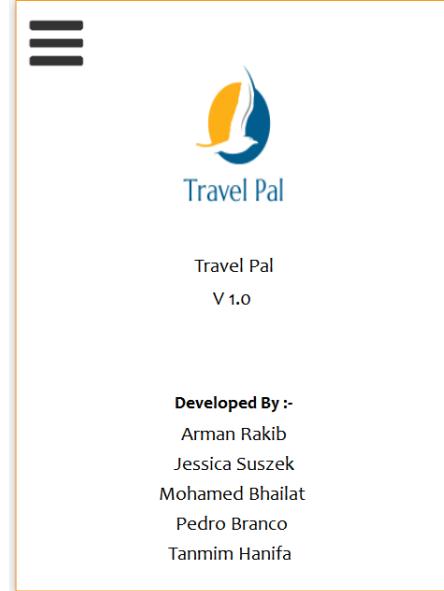
[Profile Picture] 185

Old Password

I read and accept T&C here
 Please delete My Account

Delete

Delete account (In Settings)



About Screen

Appendix E - Logo:



Figure 1.1

Logo - Design

Initially with the logo concept, we wanted users to perceive the *Travel Buddies™* as a warm, user-friendly and safe application which led to the development of various potential versions of the logo which contained people that were smiling and/or holding hands.

Although this did converge towards the theme of ‘user-friendliness’, when we conducted a separate interview at Goldsmiths University asking students to guess what the application was about simply by looking at the logo without any sort of description, 81.48% stated in some form or another that it was related to ‘Dating’. This wasn’t the message we were trying to encapsulate and therefore we chose to diverge from the whole aspect of ‘Dating’ by completely redesigning the logo.

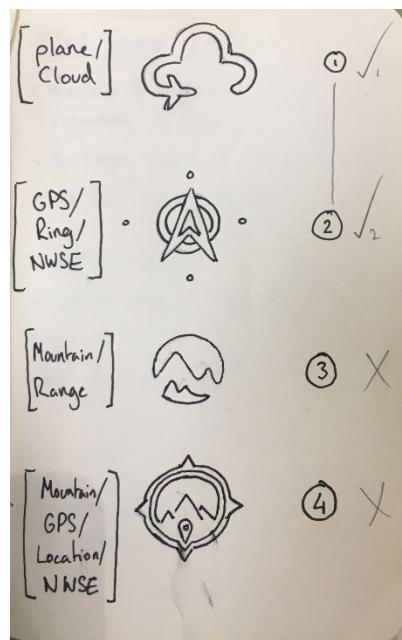


Figure 2.2 (Stage 2)

Consequently, this led onto ‘Stage 2’ of the logo design process, thus conceiving the 4 logo designs seen in Figure 1.2. After thoughtful consideration our group came to an agreement that the first two seemed more appropriate to the concept we wanted to portray. Furthermore, given that a ‘cloud’ is a subtle reminder of ‘safety’ we concluded it was most appropriate to use as a logo as some users may have potential safety concerns regarding the app.

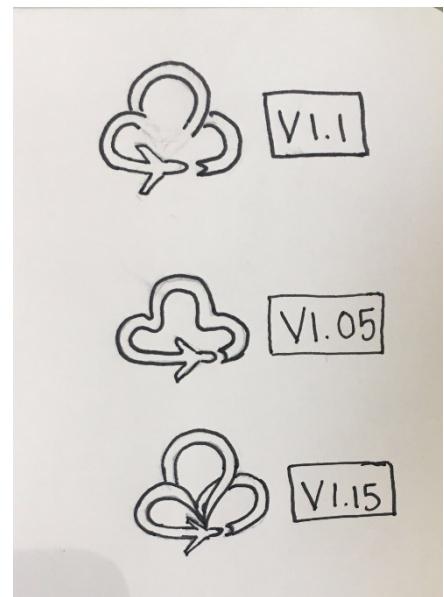


Figure 1.3 (Stage 2)