**TRAVEL PALS**

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

**Table of Contents**

[Introduction 3](#_Toc473106138)

[Development Post-Mortem 3](#_Toc473106139)

[Formative Evaluation 3](#_Toc473106140)

[Design and Implementation 3](#_Toc473106141)

[Quality Assurance 3](#_Toc473106142)

[Summative Evaluation 3](#_Toc473106143)

[Bibliography 3](#_Toc473106144)

[Appendices 3](#_Toc473106145)

# Introduction

Travel Pals is an Android smart phone application that uses social media to allow and help people communicate and meet with others sharing a common travelling plans or destinations. This report will show how this was developed, tested and evaluated.

# Development Post-Mortem

Describe how the group worked together and what development or research methods (e.g. agile) were used. Reflect on how development went, what worked well and anything you would do differently next time.

# Formative Evaluation

Describe any evaluation with users that was done during development. Be specific about what you did during user testing, e.g. number of users, frequency and nature of testing, versions of software tested

# Design and Implementation

Give an overview of your final design and implementation, including any changes from your initial ideas. Provide justifications for any significant decisions you made.

|  |  |
| --- | --- |
| **Requirements** | **Justification** |
| Android app | Refer to research in questionnaire 1 |
| Messaging functionality | Refer to research in questionnaire 2, users enjoyed communicating with each other |
| 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 order navigation paths |
| Add trips functionality – user can add any upcoming trips | Keeps track of any travelling plans the users in wanting to making, 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 |
| Login screen with possible registration or login with an existing account from Facebook | Refer to research in questionnaire 2, users prefer to sign up via facebook, since saved time and restricted user input |
| Blue colour theme | Refer to research in questionnaire 2, users related travelling with a blue theme |

# Quality Assurance

Provide details of your approach to QA and any testing carried out, including results. How well does your final system conform to your initial requirements? Justify any changes in requirements.

# Summative Evaluation

Describe the methods, results and conclusions of the evaluation of your final software.

# Marks distribution

There should also be a section about distribution of marks among group members, if the group has agreed that marks should not be shared equally.

# Bibliography

# Appendices

TESTING

Description and motivation of development methodology

• Evidence of planning and regular reviews

• Systematic testing regime including design of appropriate test cases

• Justification of testing methods

• User evaluation involving representative stakeholders

• Insightful discussion of results

• Evaluation of own work in relation to original proposal and plan

• Reflection on what has been learned about coordination, negotiation and communication within a group.

• Outcomes should be evaluated with reference to efficiency, correctness and suitability to users’ needs.

• Ethical audit: you should explain how you have handled any issues of privacy, data protection, intellectual property…

**Documentation file has to be added**