

Proposal and Feasibility Presentation Template

MOBILE APP FOR PERSONAL FINANCE:

Muhammad Bilal, FA14-BSE-108

Khizer Jadoon, FA14-BSE-110

Sirat Ahmad, FA14-BSE-104

Supervisor

Dr. Waqas Jadoon



Department of Computer Science
COMSATS Institute of IT, Abbottabad

AGENDA OF THE PRESENTATION

- Motivation
- Brief Introduction
- Scope
- Functionalities
- Proposed tools
- Feasibility
- Schedule

MOTIVATION

- People tend to spend money without planning and end up wasting more money than they would have wanted
- This app would help its users to spend wisely and provide them an insight on where they are spending their money

BRIEF INTRODUCTION

- This system is about to facilitate people and provide highly accurate results according to daily expenditures
- In this project, the aim is to implement a handy mobile app to keep track of daily or significant expenditure in daily life
- Through which we can easily make an accurate decision according to our previous saved data of expenditures

SCOPE

- We would create an android app which will allow the user to handle and analyze his daily expenses
- The app would use image recognition to read the data from receipts
- The app would store the expenses over a period of time and display the reports

FUNCTIONALITIES

The project would be a mobile app which would include the following modules:

1. Receipt recognition module

This module would be responsible to extract the data from images of receipts taken by the user

2. Alert module

This module would be responsible for monitoring the user's expenses and alerting the user whenever the expenses approach or exceed the maximum limit set by the user.

FUNCTIONALITIES

3. Report Generation module

This module would be responsible to generate a report based on the user's expenses in the current month or week (as specified by the user).

4. Manually add module

This module is responsible to add data manually with the help of user.

PROPOSED TOOLS/PLATFORM

- **Tools:**

- Android Studio
- Java
- SQLite
- Google Text API

- **Platforms:**

- Android

FEASIBILITY

- **Technical feasibility**

- **Google Text API:**

Free API for extracting information from images of receipt

- **Java:**

Language for developing android app

- **Smart Phone:**

For running the android application

- **Android Studio (Latest Version):**

For android application

FEASIBILITY

Financial feasibility

Resource Name	Price	Source
Laptop	42,000	Bought
Mobile	15,000-20,000	Available
Android Studio	Open source	Android. Developer
Net Beans	Open source	Netbeans.org
Google Text API	Open source	developers.google.com
SQLite Server	Available	www.Microsoft.com
Sponsors/funding source		self

FEASIBILITY

- **Resource feasibility**

- **Android Studio (Latest Version)**

- **SQLite**

- **Google Text API**

- **Java**

These all resources are easily available.

FEASIBILITY

- **Operational feasibility**

This project is based on the daily expenditure and provide accurate results according to daily expenditures

This project will run on most android phones easily by only downloading it from the play store

SCHEDULE

Task Name	Q4			Q1			Q2			Q3		
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1 Feasibility	Feasibility											
2 Software Requirement Specifications and document		Software Requirement Specifications and document										
3 Design Document		Design Document										
4 Receipt Recognition module			Receipt Recognition module									
5 Application Interface				Application Interface								
6 Alert Module						Alert Module						
7 Report Generation module							Report Generation module					
8 Manually Add Module								Manually Add Module				
9 Thesis									Thesis			

TASKS FOR 1ST ITERATION (OR 30%)

- SRS Documentation
- Design Documentation
- Receipt Recognition module

CONCLUSION

- The objective of this presentation is to get approved our project according to its feasibility study considering the all points mentioned above

Thank you!