PROJECT PROPOSAL

JAVA ANDROID APPLICATION

Prepared for:

Object-Oriented Programming Course

Prepared by:

Computer Engineering Students Group 1

NO	NAME	STUDENT ID
1.	AHMAD ASHRAF BIN ABDUL AZIZ	21001218
2.	ARIF SYAHMI BIN MUHAMAD 'ASRI	21001327
3.	FOO ZHE CHENG	21000613
4.	JHASHEN A/L JANARDHANAN	21001683
5.	MUHAMMAD IDLAN BIN IDRIS	21001226
6.	MUHAMMAD FAKHRUL HAFIZ BIN MOHD ANUAR	21001623
7.	MOHAMMAD TSAQIF BIN MOHD SALLEH	21000974
8.	MOHAMAD SYAMIL BIN MOHD SAFUAN	21000411
9.	VISHALL A/L MAHA DEVAN	22007347

INTRODUCTION

A mobile app that will help UTP student to satisfy their needs. By using any available UTP students that own any transportation to provide transport, food delivery and grocery run services.

A seamless mobile experience will promote a positive interest in the service provider by UTP student which can be further promoted by using reviews and ratings from the customers. This application will help any UTP student that needs side income.

Therefore, the final project for this course is proposed by our team to develop a Java Android Application related to service providing for general needs to achieve hassle-free environment for the customers.

PROBLEMS

1. Inability to maintain a steady inflow of orders
2. Not having the facility to set any appointment for any related service
3. Losing customers because of the lack of a delivery service
4. The lack of major steps to improve user experience
5. The lack of exposure by service provider in UTP

SOLUTIONS

1. Show any service provider that is available
2. Provide and check the availability status by any service provider
3. Collect any service provider that is available to provide to the customer
4. Provide features with a simple step
5. Promote this app as an official service provider in UTP

Service Provider System for UTP Student
Functional Requirements & Class Diagram

Actors Description

- Admin: The user who manage the whole system.

- Customer: The user who will search for a service available and make orders them.

- Provider: The user who will provide the service to the customer according to specific order.

Service Categories:

- Laundry
- Car-Hailing
- Grocery
- Room Cleaning
- Food Delivery

A. System Admin Functional Requirement:

1. Creating an account for the admin will be done manually in database for security.
2. Log in.
3. Manage Service (View, Add, Edit or Delete).
4. Manage Customers' accounts (View, Add, Edit, or Delete).
5. Manage Provider' accounts (View, Add, Edit, or Delete).
6. View Provider availability status.
7. Chat with Customers.
8. Chat with Provider.
9. Update profile.
10. Log out.

B. Customers Functional Requirement

1. Log in.
2. Add account balance.
3. View account balance.
4. View Services Categories.
5. View Services Details.
6. View Provider Profile.
7. Manage their orders (Create new order, edit quantity, Cancel order, and checkout).
8. Track orders status.
9. Chat with Provider.
10. Chat with Admin for help.
11. Pay to the Provider.
12. Rate the Provider.
13. Update profile.
14. Log out.

C. Provider Functional Requirement

1. Log in.
2. View account balance.
3. View Services Categories.
4. View Services Details.
5. Mange services (View, Add, Edit, Delete)
6. Manage availability status (Online, Offline to provide the service).
7. Manage Customers' Orders (View, Accept or Reject and Delivered).
8. Change Service Status (New, Accepted, Rejected, Pending, Completed).
9. Chat with Admin for order available or help.
10. Chat with Customer.
11. View payment.
12. Withdraw account balance.
13. Update profile.
14. Log out.