



**Work Plan of project of ECON 401 (Fundamentals of Engineering Economics)**

Between 18<sup>th</sup> February 2019 to 18<sup>th</sup> April 2019

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**1.1 Project Title:** *Providing laundry and dry cleaning services online using Android Mobile Application in Neemrana.*

**1.2 Rationale of project:** The client has just opened his shop in Neemrana and has a few customers. So, the project was planned to help the client gain profit out of this application by increasing the customer database.

**1.3 Criteria for manpower selection:** Since, only the two of us are doing this project, the manpower selection is not required. However, we are quite comfortable with Android Mobile Application Development in both frontend and backend and have some basic knowledge of Economics and Finance.

**1.4 Objectives:**

- a) To develop an Android Mobile Application for providing laundry service online to the customers.
- b) To help the client gain profit by increasing his customer database and sales.

**1.5 Analysis of the problem:**

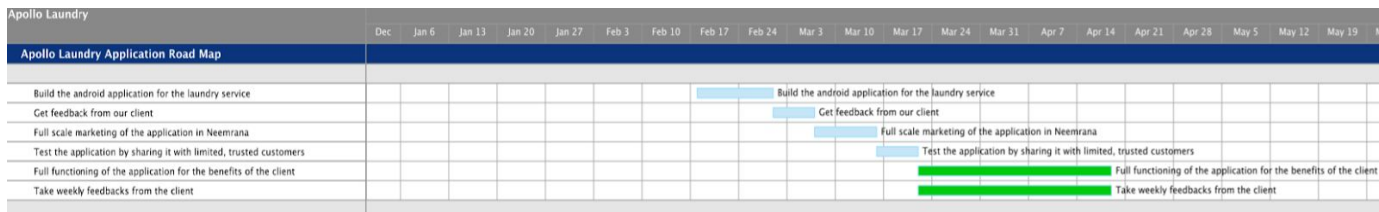
- a) The main concept behind the problem is to spread the business and gain profit through increasing the client's customer database, so he can get more profit out of the laundry business.

- b) The Android Mobile Application needs to be as much attractive and easy to use as possible.
- c) There should be security of data of the customers who register.

#### 1.6 Project Plan:

- a) The client will use the Android Mobile Application to spread the knowledge about its laundry services in the whole of Neemrana.
- b) The application will be shared with the customers in order to ease the process of consuming the laundry services provided by the client.

#### 1.7 Gantt chart:



#### 1.8 Action Point:

- a) First, we will get the details of the services the client is willing to provide through the mobile application.
- b) Then, we will develop the frontend and backend of the mobile application with basic features such as placing order (on customer panel) and completing order (on admin panel).
- c) Next, we will send the application to the client to get feedback on improvements and the new features that can be added.
- d) Then, we will go on adding one feature at a time.
- e) Later, we will check for security of the application.

#### 1.9 Measurement criteria for performance appraisal/outcome:

- a) Number of orders placed through the mobile application.
- b) Number of customers increasing through mobile application.
- c) Revenue of the client using software.

#### 1.10 Project Deliverables:

- a) Android mobile application.
- b) User manual.
- c) Future updates in the application depending on the clients requirements.

#### 1.11 Primary Outcomes:

- a) Increase in business of client.
- b) Increase in number of customers.

- c) Modified balance sheet with increased revenue.

**1.12 Secondary outcomes:**

- a) Increase in the database for our client by spreading the mobile application.

**1.13 Stakeholders:**

- a) Dharmraj Pal

**1.14 Estimated Man Hours:** 200 man hours

**1.15 Infrastructure support required from NU:**

- a) Google Play Store Developer Account at the time of publishing the application on Play Store.
- b) Once the customers through the application increases, the database for the project need to be upgraded from free to paid as free database has certain limitations.

**1.16 References & details of Resource Persons:**

- a) Dharmraj Pal (Contact: 9680711424)