

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

(For 2 Months)

Between February (mid) 2019 to April (mid) 2019

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| **S.N.** | **Name of the student** | **Enrolment number** | **section** | **Role** | **Opportunity cost(p/m)** | **Email address** | **Mobile number** |
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1. **Project Title: *Android Application for UNIVERSAL CAR WASH ZONE FULLY AUTOMATIC***
2. **Rationale of project:**

* The android application will be a digital support to the customers of the shop where the availability of service, charges offered will be provided and displayed.
* The admin of the application can update the list of cars in real time for customers to view.
* The main objective is to increase the number of customers and provide better services without hassle.

1. **Criteria for manpower selection:**

* Firebase
* Android development
* Java
* Communicational skills
* Persuading ability
* Ability to give cost reducing ideas

1. **Objectives**

* **To increase the revenue of the shop and generate enough surplus in a legal way thus reducing Total cost.**
* **To successfully market the services given and provide digital solutions to the ongoing production means.**

1. **Project Plan**

* To deliver the application as soon as possible, giving us time to work on testing, updating the software and applying ways to reduce cost.

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| **Start Date** | **End Date** | **Description** | **Duration** |
| 8-Feb | 8-Feb | 1st Meeting | 1 |
| 19-Feb | 19-Feb | Task distribution and project Confirmation | 12 |
| 24-Feb | 24-Feb | Second Meeting and setup installation | 6 |
| 25-Feb | 5-Mar | Phase 1 Development | 9 |
| 5-Mar | 15-Mar | Testing, 3rd Meeting with Client, Phase 2 Development | 11 |
| 16-Mar | 30-Mar | Project Modification(If any) and Cost reduction Strategies | 14 |
| 30-Mar | 10-Apr | Delivery | 12 |

1. **Gantt chart**
2. **Measurement criteria for performance appraisal/ outcome**

* Application made with proper documentation: 6 Marks
* Time spent in marketing the App and legally reducing the cost: 5 Marks
* Opportunity cost achieved: 7 Marks
* Presentation: 2Marks

1. **Project Deliverables**

* Software for android
* Documents
* Revenue records

1. **Primary Outcomes: To increase the income and to increase the app awareness in**

**Neemrana.**

1. **Estimated Man-hours: 30hrs**
2. **Infrastructure support required from NU:** None
3. **References & details of Resource Persons** 
   * Company : - Universal Car Wash Zone Fully Automatic Neemrana
   * Address : - NH-8, near Shayam Dhabha, Neemrana.
   * Owner : - Vishal Kumar
   * Contact

**Phone number**- 9667800800

**Email-id** - universalcarwashzone@gmail.com