

Project Proposal

Project Title: Parking
Management System

Client Name: Taimoor Khan

Submitted by: Sus Birds

Date: 04-04-2022

I. SUMMARY

A software to keep track of data and handle finances to generate reports, for XYZ parking.

We will create a full desktop application with database integrated. The software will have features similar to Point Of Sale System.

The project should be done as to provide solution to city's traffic problems. This project will be a relief for citizens and local authorities as this will provide safety and security for them. This project will be a big success from business point of view because XYZ parking will be easily able to attract customers, by promising them safety and security plus peace of mind.

We SusBirds (Lol we can change the name if you guys are not comfortable) are a team of experts; we have made dozens of Point of Sale Systems for both big and small corporates. We are known for our work ethics and timeliness. Our client satisfaction score is 9.5/10. And our rates are also relatively lower than market.

Project Details:

Location: Peshawar

Proposed Starting date: 4th April

Project Duration: 2 months

Total Budget: 175,000 rs

Proposed Payment Installments: 20,000 rs per month

Others (if any)

II. BACKGROUND AND JUSTIFICATION

Developing a software that will effectively manage the XYZ parking facilities.

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III. Requirements

Functional Requirements

- The system must be able to registers new customers.
- The system must take care of finances.
- The System must be able to track of slot info.
- The system must be able to generate finance report.
- The system must sent the report to owner.
- The system must store member and non-member record.
- The system should charge vehicle types differently.

Non-Functional Requirements

- Shall be able to deal with a very large number of record.
- Shall be able to register new customers with in 1 second.
- Shall be able to generate daily reports automatically

IV. Team

Muhammad Faizan Wasif: 2 years of coding experience in both front-end and back-end development.

Atif Meharban: 2-years' experience of software designing.

Ali Hasnain: 3-years' experience of software designing.

Hamza Shahid: 3 years of coding experience in both front-end and back-end development.

V. OBJECTIVES

This project will provide solution to city's traffic problems. This project will be a relief for citizens and local authorities as this will provide safety and security for them.

VI. Budget

Employee Salaries: 10,0000rs

Equipment to purchase: 2,5000rs

Travel: 10,000rs

Maintenance: 30,000rs

miscellaneous: 10,000rs

Total: 175,000

note: Budget may vary.

VII. Deliverable after every week

A milestone is reached every two weeks. What deliverable would you share after every two weeks with your stakeholders to mark your performance.

1st Deliverable:

We will deliver the use case diagram.

2nd Deliverable:

We will deliver the activity diagram.

3rd Deliverable:

We will deliver the sequence diagram.

4th Deliverable:

We will deliver the design drawings.

5th Deliverable:

We will deliver the prototype.

6th Deliverable:

We will deliver product manual and conduct training session.

7th Deliverable:

We will deliver the product.

8th Deliverable:

We will get feedback and will do changes (if necessary) .

VIII. Assumptions

The vehicle will leave the parking area. The vehicle that entered the parking area must also leave the area so that new slots will be available for the coming vehicles.

IX. Proposed Solution

For the concise solution the owner must have a message for the membership members to show the free space in the parking area. It easier and more beneficial for customer for acknowledgement of parking slot in that portion.

X. Communication Log

Log history of all the communications that took place between the team members in order to prepare this proposal

Use the following format for it:

Date:04-04-2022

Members attended:4

Agenda discussed: Functional, non-Functional requirements

Agreed points:

Proof: (if electronic meeting via email/networking website etc. add screen shots. For face-to-face meetings and calls provide signatures of the members attended.