** Project Proposal**

**Vehicles Renting and Management System**

**Course: SE-505 Software Project Lab - II**

Submitted by

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Submitted to

**SPL II Coordinators**



**Institute of Information Technology**

**University of Dhaka**

[22-01-2019]

**Proposal Submission Letter**

**Supervisor’s approval sign is required**

Date: 22.01.2019

The coordinator, SPL-2

Institute of Information Technology, University of Dhaka

Subject: Application for approval of project proposal.

Dear Sir,

By referring to the above matter, we would like to present the Project Proposal document. The main purpose for this proposal is explained below.

We hope that you can go through this document. Please notify us for any modification.

Yours Supervisor

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**Vehicles Renting and Management System**

# Introduction

Vehicles Booking and Management system is a software that aimed at helping business, organization and customer. It helps in managing the chain supply of goods/products from one place to another and also helps in tracking the location of the vehicle and goods/products. It also helps in scheduling, selection, booking the vehicles and also helps in payment process. In this system all the transportation info of shipping will be recorded.

# Objective

The main objective of this project is to make a fully functional automated system which covers all area of industrial transportation. It helps to decrease the workload, keeps the record of vehicle information, driver information and vehicle recording. It gives the accurate information such as availability of vehicles and drivers.

# Project Description

The system will automate work done manually in existing system. One can book vehicles for carrying and supplying goods. This system provides the basic components of a shared information system to support the collaboration, routes and information exchanged to facilitate the booking, execution, tracking and settlement of any type of vehicles movement. The rating system is another feature that helps the customer to select the vehicle which have the best service rating. Customer will be able to book the vehicles at the real time or for the future (advance booking). Customer can cancel the trip before a certain period of time. Customer and vehicles owner will communicate with each other via a chatting system. The cost calculation will be depended on the distance between the source and destination and also renting time.

Deliverables of this project are-

* SRS documentation: Requirement and analysis of the software.
* Android Application

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Required technology to develop this application are-

* Android programming
* Java
* PHP
* MySQL



# Scope of the development

Vehicles Booking and Management System is to centralize and manage the transportation system. This system will be developed for android application. Stakeholders can register through authentication process. An efficient admin panel and online registration for borrower and lender will be added as individual apps.

* The system will work only for android.

# Stakeholders Description

Stakeholders of the systems are:

* Admin
* Vehicle owners
* Drivers
* Customer

# References

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