Software Requirements Specification  
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All Types Of Tax and Business License  
 Revenue Management

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# Introduction

## 1.1 Purpose

This document is intended to describe accurately the capabilities that the software product “All Types Of Tax and Business License Revenue Management” should provide to its end-users and also to specify all the non-functional requirements that the application should implement, regarding subjects like: performance, availability, reliability, security, etc.

## 1.2 Document Conventions This document uses the following conventions.

|  |  |
| --- | --- |
| DB | Database |
| ER | Entity Relationship |
| KCC | Khulna City Corporation |

## 1.3 Intended Audience and Reading Suggestions

This document is intended for developers, KCC, organization owners, general people of Khulna , testers and documentation writers. To understand the paper properly, one have to go through the sections one by one, beginning with the overview section.

## 1.4 Product Scope

The purpose of this software is to collect the taxes from various organizations such as office,restaurants,house ,hotel etc. of Khulna which will help the KCC.

## 1.5 References

* <https://www.tutorialspoint.com/software_engineering/software_requirements.htm>

# Overall Description

## 2.1 Product Perspective A distributed Tax and Business License Revenue Management database system stores the following information.

1) Business organizations details : (for KCC authority )   
 i) Business starting date   
 ii) License issues details   
 iii) Business types   
 iv) Business owners’ name, address and phone number.  
 v) Tax informations   
 vi) Revenue details

2) Billing details : (for business organization authority )  
 i) Customers billing details   
 ii) Revenue Statement   
 iii) Tax statement

3) Cash memo : ( for business organization authority and customers )   
 i) Customers details

ii) date of booking/buying

## 2.2 Product Functions

Some main functions of the product are:

1. Collecting tax informations for tax authority
2. Making easy licenses system for business authority
3. Keeping track on revenue and tax for business authority
4. Making cash memo for customers
5. Review submission among them
6. Software feedback for next update

## 2.3 User Classes and Characteristics

There will be mainly four classes.Admin,Administration panel,Organization owners and general people.Organization owners will apply for license to the admin and administration panel will approve or reject.They will give a license number.Owners will make bill receipts in online and they will mention their license number and the taxes so KCC will be available to collect the taxes.

## 2.4 Operating Environment Operating environment for the airline management system is as listed below.

* relational database
* Model, view, controller system
* Operating system : any
* database : mysql
* platform : C#, javascript,html.css

## 2.5 Design and Implementation Constraints

1) SQL commands for above queries/applications  
2) The global schema, fragmentation schema, and allocation schema.  
3). Implement the database at least using a centralized database management system.

## 2.6 User Documentation

To use the product properly, there will be various components to help the user. Some of them are:

* User Manual: Will be attached
* Online Help: There will be a report option and an FAQ in the product.
* Tutorial Link: A tutorial will be uploaded for the user in the website.

## 2.7 Assumptions and Dependencies

1. In bill making there may occur some problems.
2. Database server errors may occur
3. User may give false feedback.

# External Interface Requirements

## 3.1 User Interfaces

Front- end software: html,css, bootstrap,javascript

Back-end software:C#,mysql

## 3.2 Hardware Interfaces A browser which supports CGI, HTML & Javascript.

## 3.3 Software Interfaces

|  |  |
| --- | --- |
| **Software used** | **Description** |
| Operating System | We have chosen Windows operating system for its best support and user-friendliness. |
| Database | To save the flight records, passengers records we have chosen mysql database. |
| asp.net | To implement the project we have chosen C#, js language for its more interactive support. |

## 3.4 Communications Interfaces

The project will support all types of web browser.We are using metro UI for the license,billing forms etc.

# System Features

## System Feature

1)There will be an administration panel who will approve the request of license.

2)Organization owners will make bill in online where they will give their license number to help the KCC to understand the tax they need.

## Safety Requirements

If there is extensive damage to a wide portion of the database due to a disk crash. Therefore, administration panel should be careful in this case.

## Security Requirements

Security systems need database storage just like many other applications. However, the requirements of the security means that administration panel must work carefully.