**2. Current System**

The OBTS is a web system for passenger and personnel of bus firm. OBTS is a domestic privatized transportation company that runs the vehicle all over the country. They have several branches at different locations of the country, so that they can provide the transportation facilities between the places. Where the details of booking, payment, sale.  
 Admin is adding ,deleting and editing for city, services, staff and additional services. Admin controlled true of user password and card information. Staff is personal of bus firm who is sending necessary extra voyages to admin. User can does booking, buy ticket, edit profile, free ticket, seeing past ticket, cancel ticket/booking. Visitor is not register who can be register and buy ticket. OBTS is always controlled by admin and staff for voyages and user information.

**3.2. Functional Requirements**

Functional requirements indicate the functions the system offers to the user. Therefore,in

this part we will specify the functions of our three-actor system

* User Functions
* Staff Functions
* Admin Function
* Visiter Function

***User Functions***

|  |
| --- |
| Login |
| Logout |
| Forget Password |
| Booking |
| See Booking |
| Cancel Booking |
| View Account |
| Change Password |
| Edit Profile |
| Free Ticket |
| Ticket |
| Cancel / Buy Ticket |
| Payment Transaction |

***Visiter Functions***

|  |
| --- |
| Register on System |
| Buy Ticket |
| View Voyage |

***Admin Functions***

|  |
| --- |
| Login |
| Logout |
| Add City/ Services/ Staff |
| Delete Services |
| Edit Services/Staff |
| Additional Services |

***Staff Function***

|  |
| --- |
| Extra Voyage |

**4. Glossary**

**OBTS :** Online Bus Ticket Reservation/ Sale System.

**Online Bus Ticket Reservation/ Sale System :** User use the system to doing reservation or sale.

**User :** Registered User, OR Visiter, OR Admin ,OR staff

**Admin:** The people who are responsible of add city/services/staff/additional services, delete services edit services/staff and sent forgetting password.

**User:** The people who be a booking or buy a ticket .

**Visiter:** The people who buy a ticket .

**Staff:** The people who be personal of bus firm

**Login:** Action to access the application.

**Use case:** Definitions user’s steps for reaching a specific goal on a system.

**Use case diagram:**This is a diagram that summarize who uses a system and what they can do

with the system.

**Functional Requirement:** A requirement that determines a function or feature of the system.

**Non-FunctionalRequirement:**Definitions system features such as;

Usability,Reliability,Performance,Supportability,Implementation,Interface,Packaging,Legal.

**Scenario:** Examples of use of the system, which is usually a story.

**Sequence Diagram:** The behavior of the objects and the messages they communicate with

each other on Use case.

**5. References**

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