



Integrated E-Ticketing System

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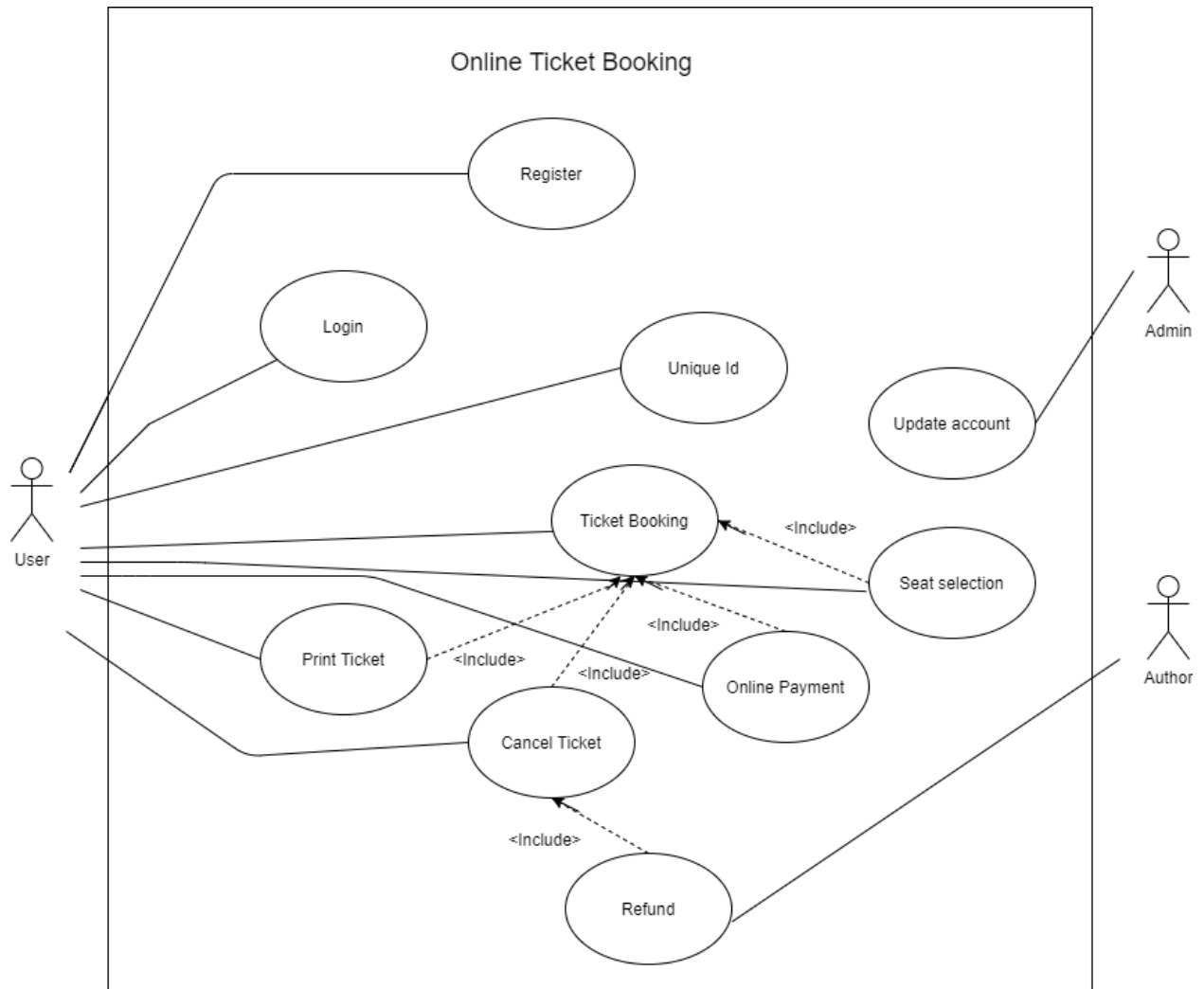
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Feature

Features are listed below. High, Medium and Low are used to indicate the importance of each feature.

Feature ID	Description	Priority	Requester
FE01	Web based and accessible from devices (With internet connection) such as desktop, laptop, mobile and so on.	High	
FE02	Accessible only to authenticated and authorized users	High	
FE03	Online ticketing system for example: login, register, unique id, online booking tickets and payment system.	High	
FE04	Compare with other transport services Example: cost, time and day.	High	
FE05	Seat selection based on user needs.	Medium	
FE06	Print ticket and cancel ticket by user	Medium	
FE07	Admin can update the system	High	



Use Cases

FE01- Web based and accessible device	
FE01_UC01 – Web based and accessible device	
Brief Description	The user needs a device such as laptop, mobile, desktop and so on.
Priority	High
Actor/s	Users
Main Success Scenario	<ol style="list-style-type: none">1. User buys a mobile2. The system displays a web page3. User has internet connection.
Alternative Scenario	The system cannot find accessible device for the user and re- displays with an error message.
Notes/Questions	Must need web based and accessible devices.

FE02 - Authentication and authorization	
FE02_UC01 - User authentication	
Brief Description	The user opens up the page and the page shows the login form for access.
Pre-condition/s	User must not be logged in.
Priority	High
Actor/s	Users of all classes.
Main Success Scenario	<ol style="list-style-type: none">1. User opens up the web page2. The system displays a login form3. User enters his/her unique id4. The system matches user id against its data store5. The system then redirects user to the appropriate page based on user class.
Alternative Scenario	The system cannot find a match for the user and re-displays the login form with an error message.

Notes/Questions	Must need clarification on dashboard for each user type.
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FE03- Online ticketing system	
FE03_UC01 –Booking and payment tickets	
Brief Description	User wants to book ticket and then pay through bkash or credit card.
Pre-condition/s	User must be logged in
Priority	High
Actor/s	Users
Main Success Scenario	<ol style="list-style-type: none"> 1. Users login form 2. The system displays booking option 3. User books the ticket 4. User pays money through bkash or credit card.
Alternative Scenario	<ul style="list-style-type: none"> • The system cannot find book option and re-displays the booking form with an error message. • The system cannot find a payment option.
Notes/Questions	Must need clarification on booking and payment system for each user type.

FE04- Compare with other transport services	
FE04_UC01 –Compare with other transport services	
Brief Description	User can compare different transport service. Like user can compare railways with bus or bus with airlines depending on cost, time and comfort.
Pre-condition/s	<ul style="list-style-type: none"> • User must be logged in

Priority	High
Actor/s	Users of all classes.
Main Success Scenario	<ol style="list-style-type: none"> 1. Users in login state. 2 . The system compare 3 services.(Railways, Bus, Airlines)
Alternative Scenario	<ul style="list-style-type: none"> • The system cannot find all three mediums maybe only bus or railway. • The system cannot find any transport medium.
Notes/Questions	Must need clarification destination.

FE05- Seat selection based on user needs.	
FE05_UC01 –Seat selection	
Brief Description	User can select their seat no. through advance booking.
Priority	Medium
Actor/s	Users
Main Success Scenario	<ol style="list-style-type: none"> 1. User selects seats. 2. User chooses their seats on window or corridor. 3. User confirms seat.
Alternative Scenario	<ul style="list-style-type: none"> • The system cannot show available seats and re-displays the seat selection form with an error message.

FE06- Print and cancel ticket by user	
FE06_UC01 –Print and cancel ticket	
Brief Description	User can print and cancel their own ticket.
Priority	Medium
Actor/s	Users
Main Success Scenario	<ol style="list-style-type: none"> 1. User prints ticket. 2. User cancel ticket.
Alternative Scenario	<ul style="list-style-type: none"> • The system cannot show print option and re-displays the print option with an error message. • The system cannot show cancel option.
Notes/Questions	Must need print and cancel option.

FE07- Admin can update the system	
FE07_UC01 –Updating system	
Brief Description	Admin can update the whole system based on necessity
Priority	High
Actor/s	Users, Admin
Main Success Scenario	<ol style="list-style-type: none"> 1. User wants to update his/her account. 2. Admin updates users account. 3. Admin recharges users account.
Alternative Scenario	<ul style="list-style-type: none"> • The system cannot show update option and re-displays the update option with an error message.
Notes/Questions	Must need update option so that admin can update users account.