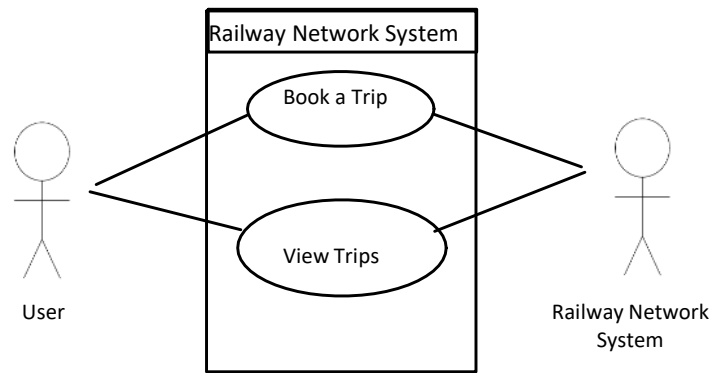


Use cases and Use Case Diagram 2



Use cases (Fully-dressed)

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| <u>Use case UC3:</u> | Book a Trip |
| <u>Primary Actor:</u> | User |
| <u>Stakeholders and Interests:</u> | User: wants secure and fast trip booking, clear and easy interface. System: wants details about user, wants to ensure efficient. |
| <u>Preconditions:</u> | An existent connection is selected, client details are entered. |
| <u>Postconditions:</u> | A reservation is made for each client and is associated with a ticket. The reservation(s) made by the client are added as the client's trip. |
| <u>Main success scenario:</u> | The user selected a connection of their choice and wants to book it. The client clicks the "Book connection" button to start a booking. The system requires the user's credentials to proceed with the booking, such as the number of travellers and each of their names, ages and id's. The user has to confirm to proceed with the booking. The system displays the total price and the final details to acknowledge the successful booking. |
| <u>Extensions:</u> | If user fails to enter all necessary details, they are forbidden to confirm the booking if there are missing prompts. |
| <u>Special requirements:</u> | Easily navigable form for user to enter all necessary details to book the connection. Alerts to warn the client if there is missing information. |
| <u>Technology & Data variation:</u> | Selected connection checked by user. User(s)' names, ages, id's entered by user. |

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| <u>Use case UC4:</u> | View Trips |
| <u>Primary Actor:</u> | User |
| <u>Stakeholders and Interests:</u> | User: wants to see booked trips clearly displayed. System: wants to display user's trips on a clear interface. |
| <u>Preconditions:</u> | The user has already booked at least one connection. The user enters a valid name and id corresponding to their account. |
| <u>Postconditions:</u> | The user views displayed all purchased reservations, past ones and current ones. |
| <u>Main success scenario:</u> | The user wants to view their existing booked trips. The user clicks on "View Trips". The system displays the user's trips in 2 categories: past ones and current/future ones. User can return to main page. |
| <u>Extensions:</u> | If user has never booked any connection, the system displays an alert that informs the user that they do not have any trip history. If user does not enter a valid name or id, the system displays an alert to try again. |
| <u>Special requirements:</u> | An easily navigable and clear display of the user's trips, in two separate timely categories. |
| <u>Technology & Data variation:</u> | User's name and id entered by user. |