**TECHNICAL DESIGN DOCUMENT**

**PROJECT NAME:** Avion Flight Reservation Service

**DEVELOPED BY:** Ruturaj Patil

**Introduction:**

Avion Flight Reservation Service is developed to passengers/customers cstomized flight reservation experience. It aims to make flight reservation user focused and relatively easy process.

**Functional Requirements:**

The functional requirements of the project are:

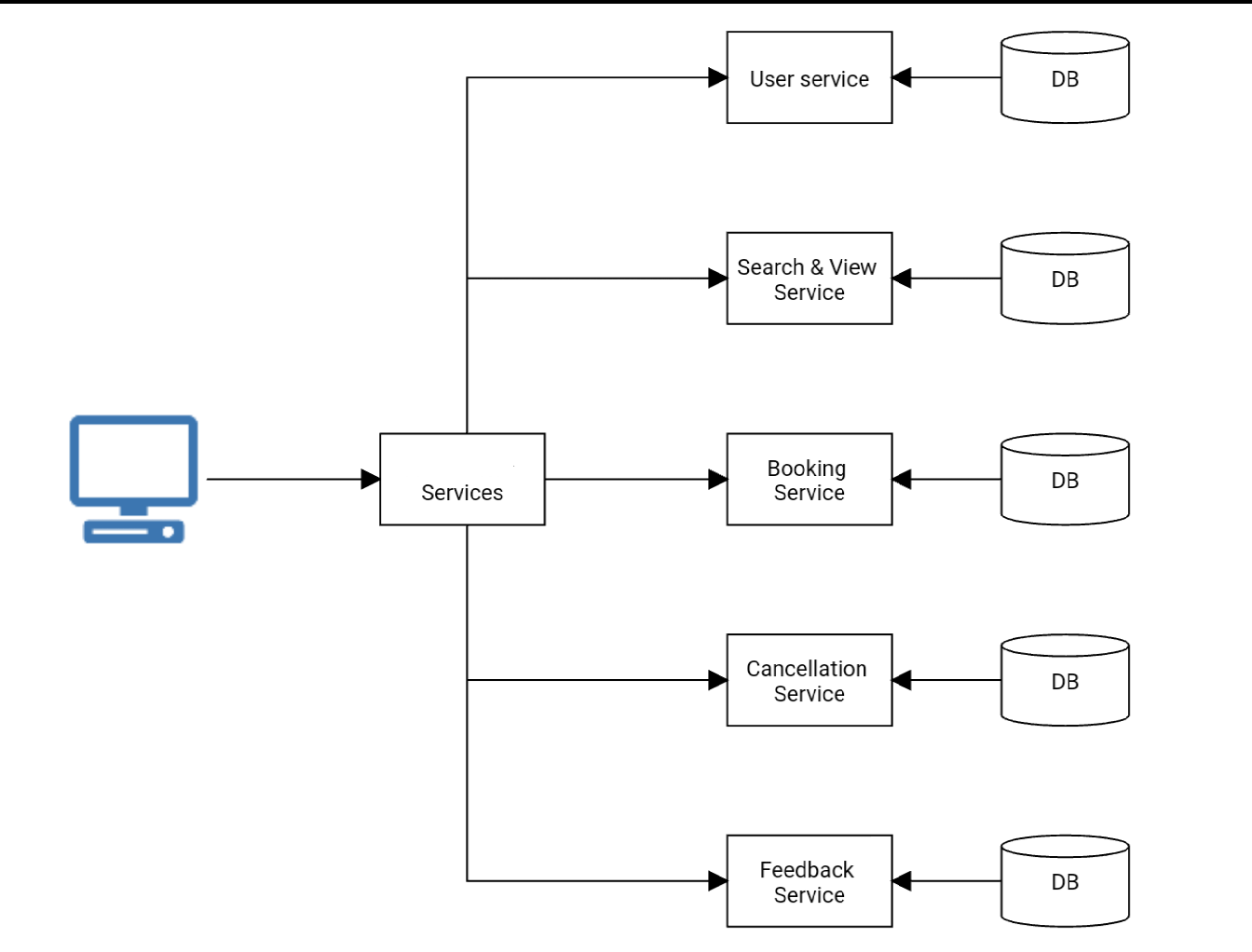
* Login
* Register
* Search Flights
* Tickets
* View Tickets
* Cancel Tickets

**Services**

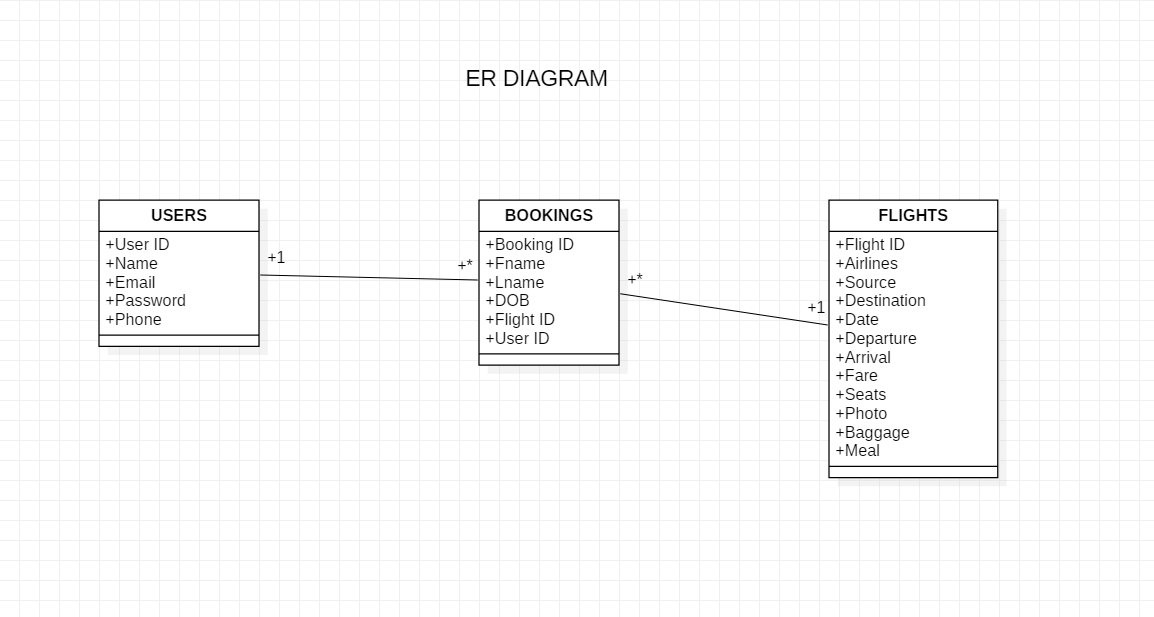
The different micro-services in which this project is divided into are:

* **User Registration :** User can register on website to use all the services.
* **User Login :** User will have to just enter username and password for validation.
* **Search Flight:** User can search flight by providing source, destination.
* **Book Flight:** User can book any flight from all the available flights.
* **View Bookings:** User can view the reservations made by me.
* **Cancel Booking:** User can cancel booking made by him.

**Overall Architecture Diagram:**

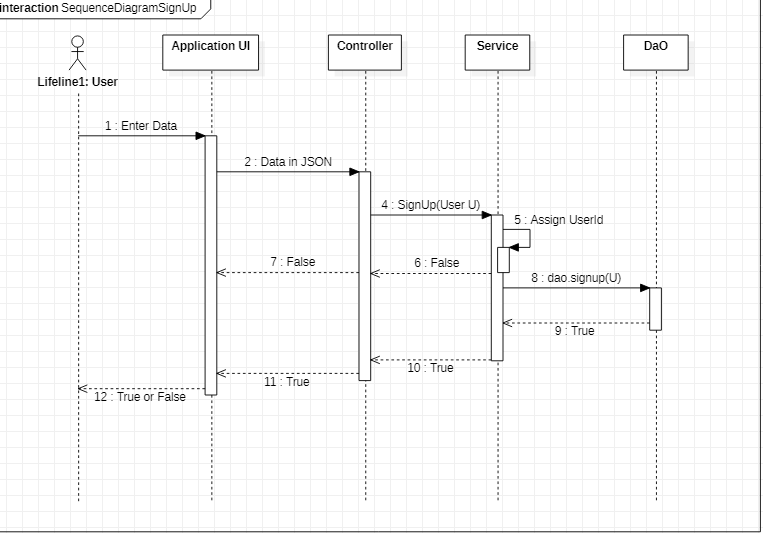
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**Overall Entity Relationship Diagram:**

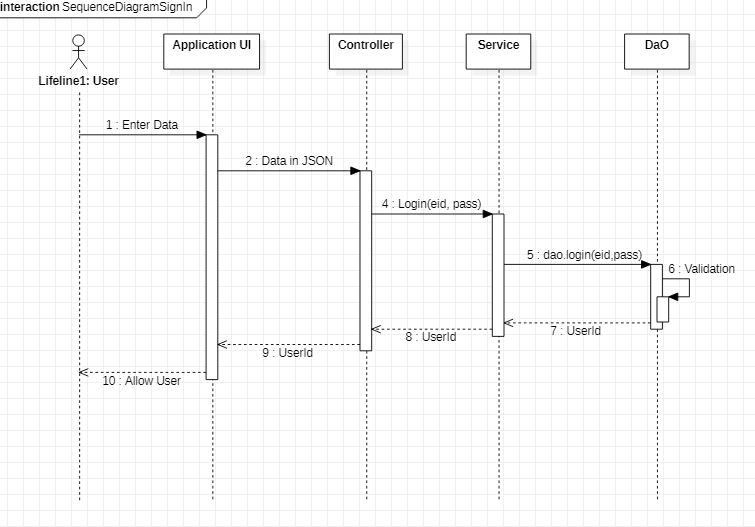
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**Sequence Diagrams:**

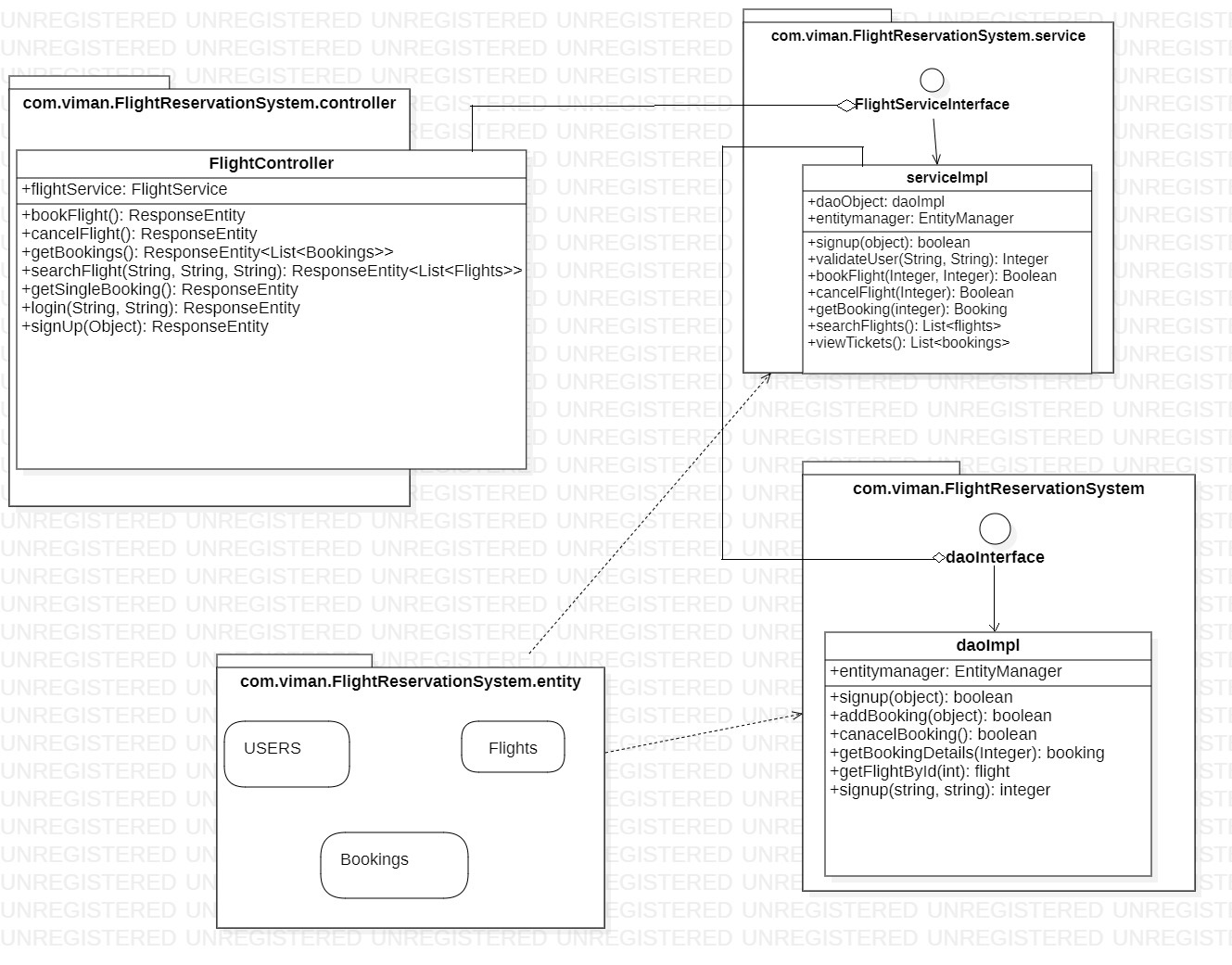
**SIGN UP-**



SIGN IN-

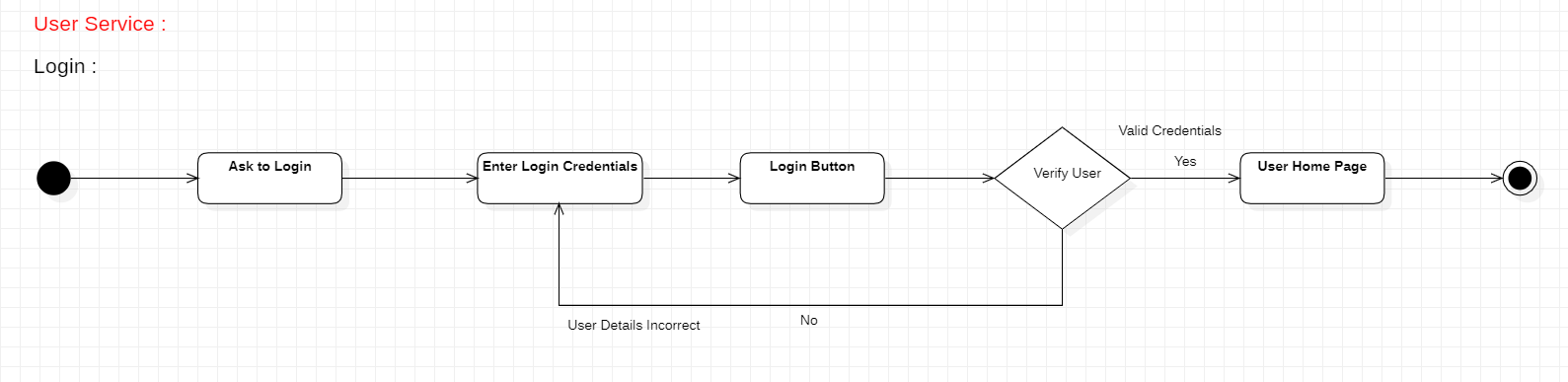
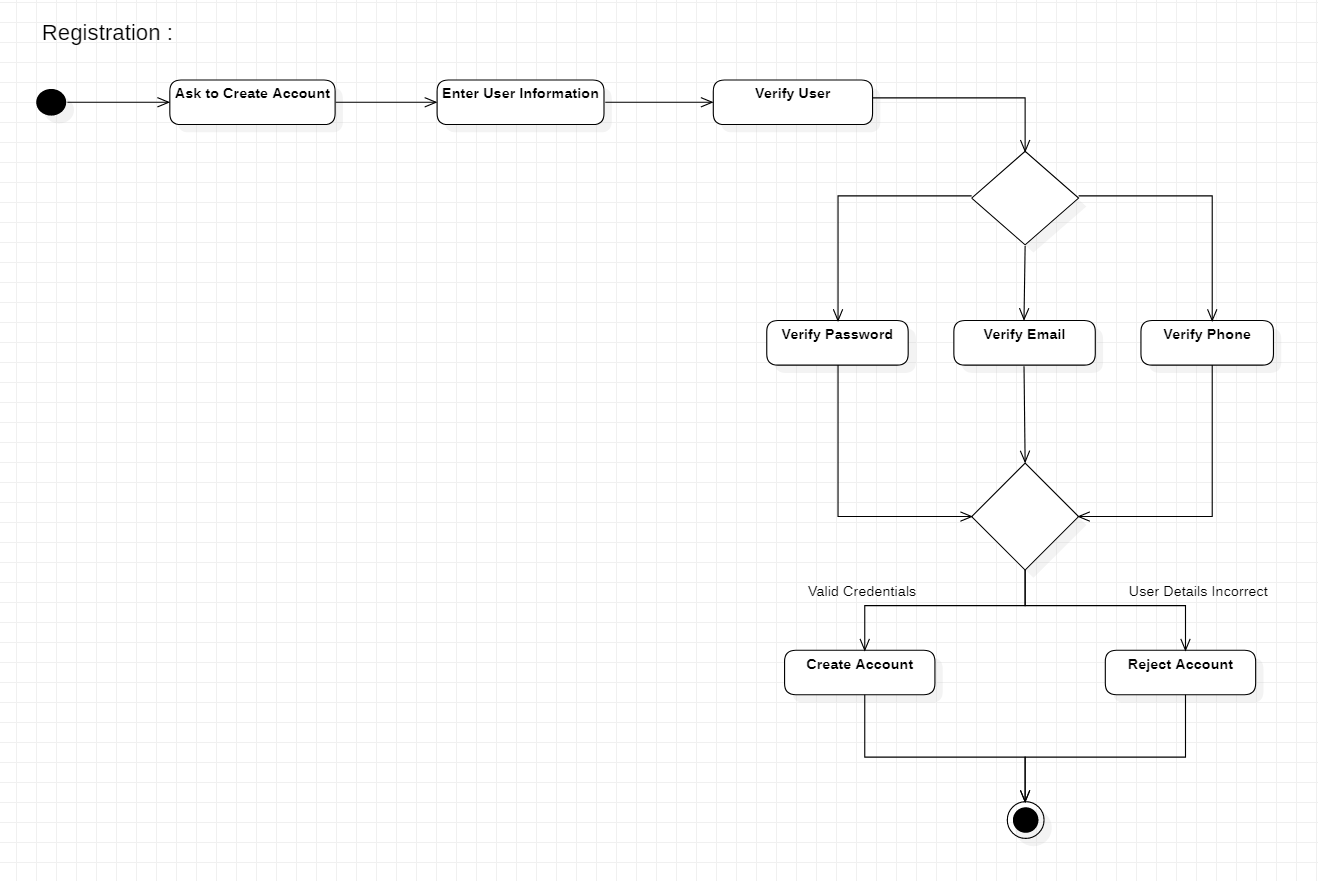


**Class Diagrams-**

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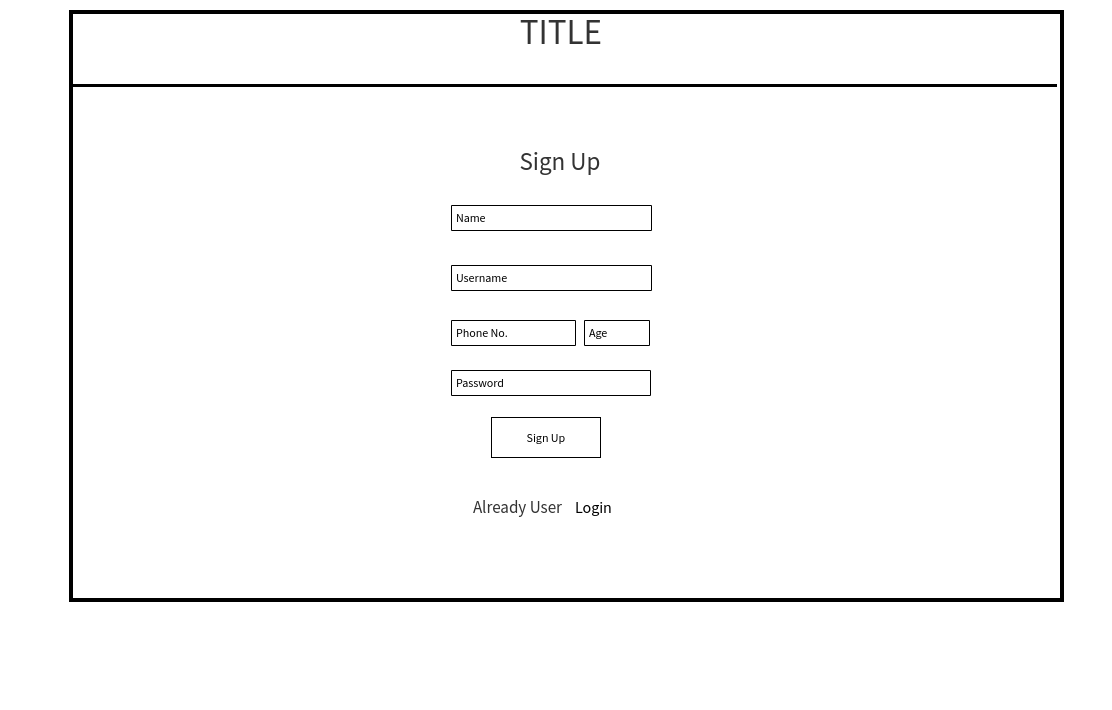
**Activity Diagrams-**

**SIGNUP-**



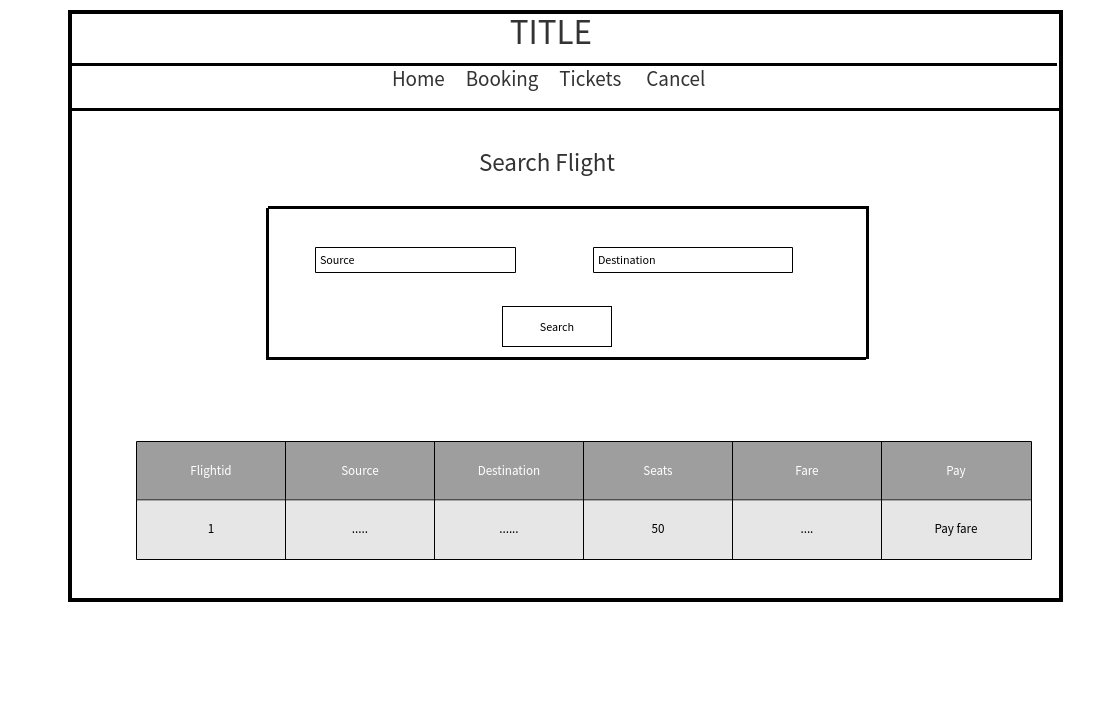
**LOGIN-**

**Wireframes-**

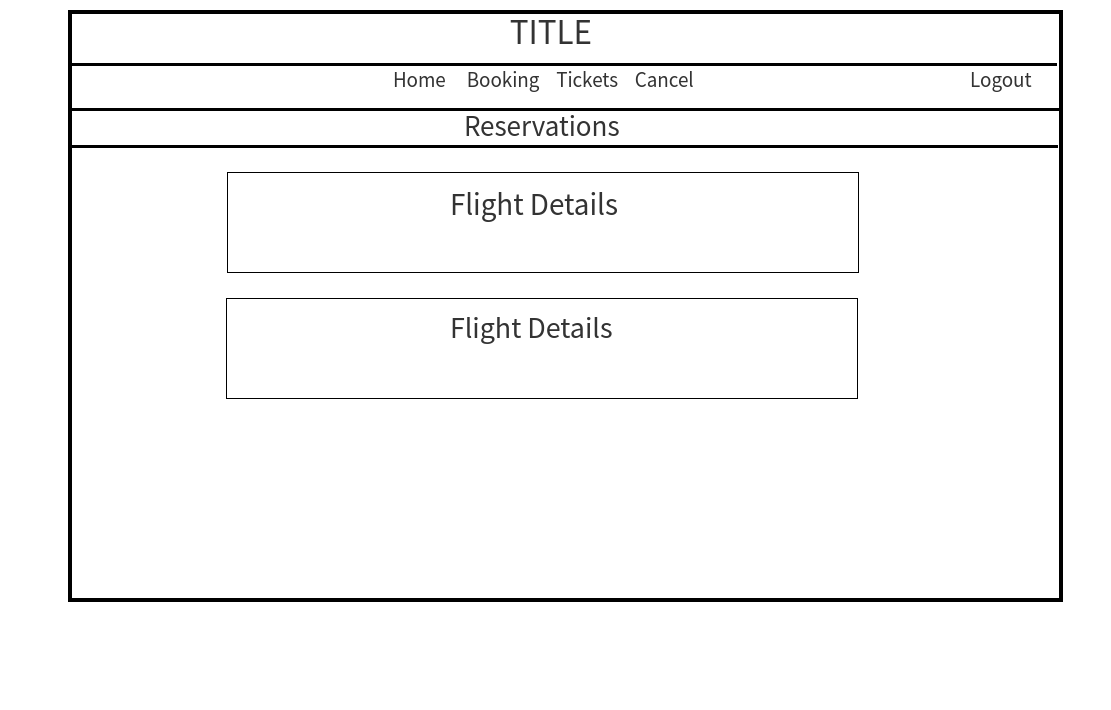
**SIGNUP-**

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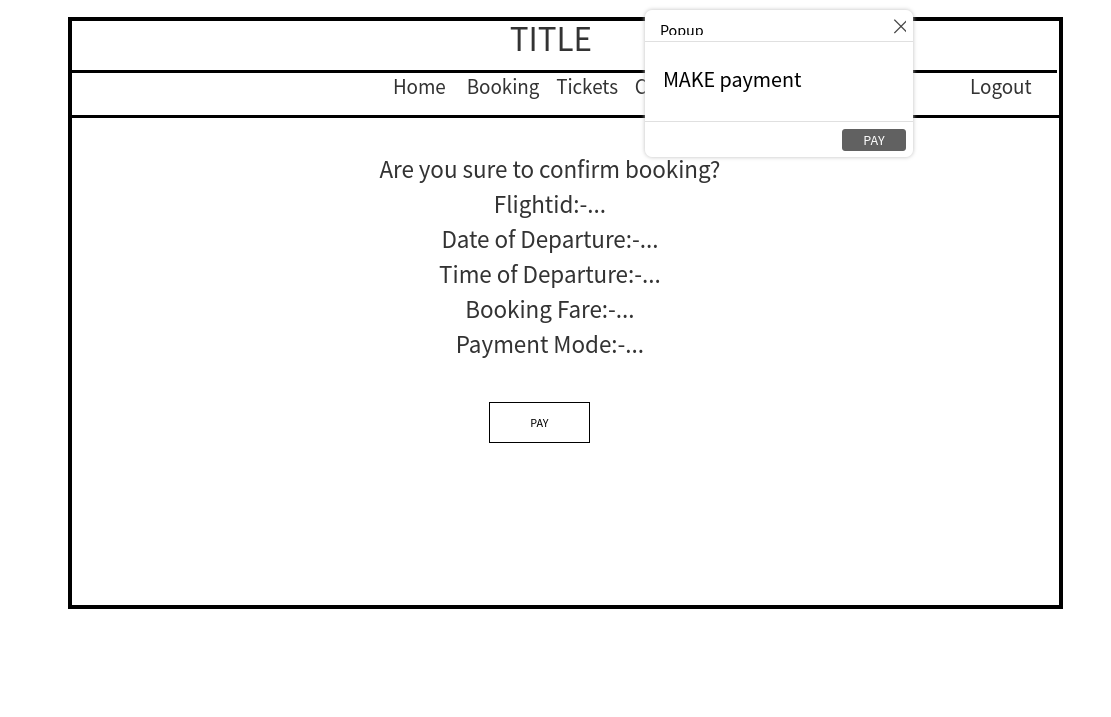
**LOGIN:**

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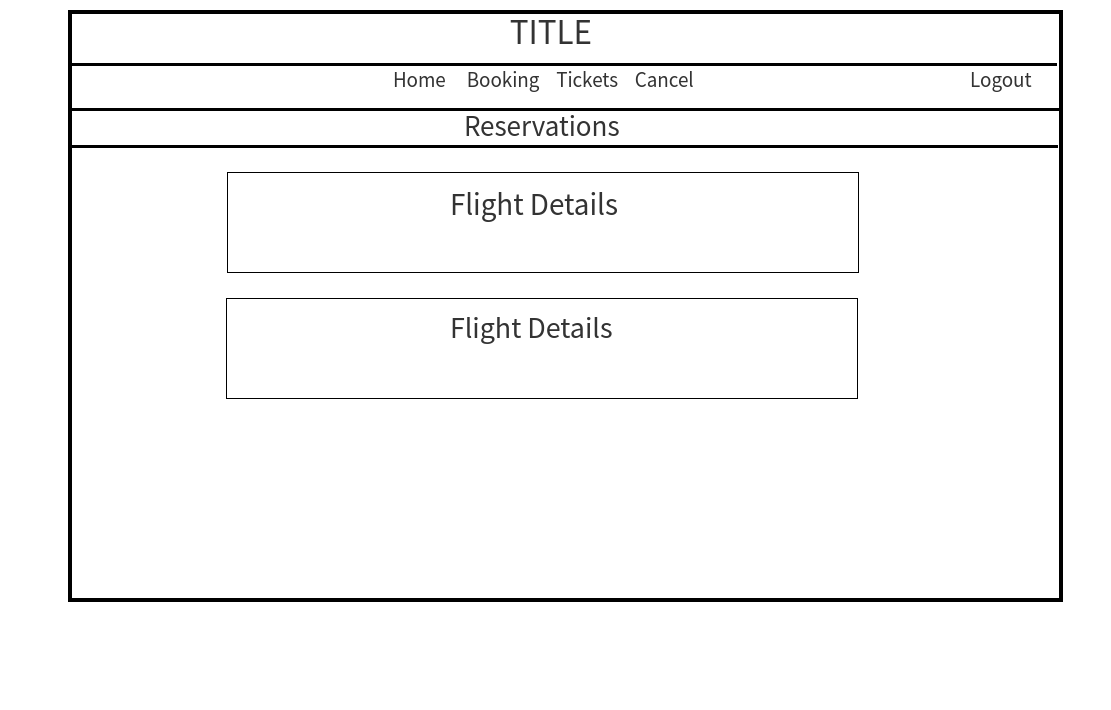
**SEARCH FLIGHT:**

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**VIEW FLIGHTS-**

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**PAYMENT GATEWAY-**

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**VIEW BOOKINGS-**

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**CANCEL TICKETS-**