**TECHNICAL DESIGN DOCUMENT**



**PROJECT NAME:** Viman

**DEVELOPED BY:** Sagar Tejwani

**Introduction:**

Viman’s aim is to redefine air travel and to provide Indian travellers a seamless and personalized air ticket booking experience. The brand name ‘Viman’ is a hindi word that means ‘Airplane’. As it aims to transform the flying experience of travellers in India, Viman christens its brand tagline as ‘ Wings of India ’.

**Functional Requirements:**

The functional requirements of the project are:

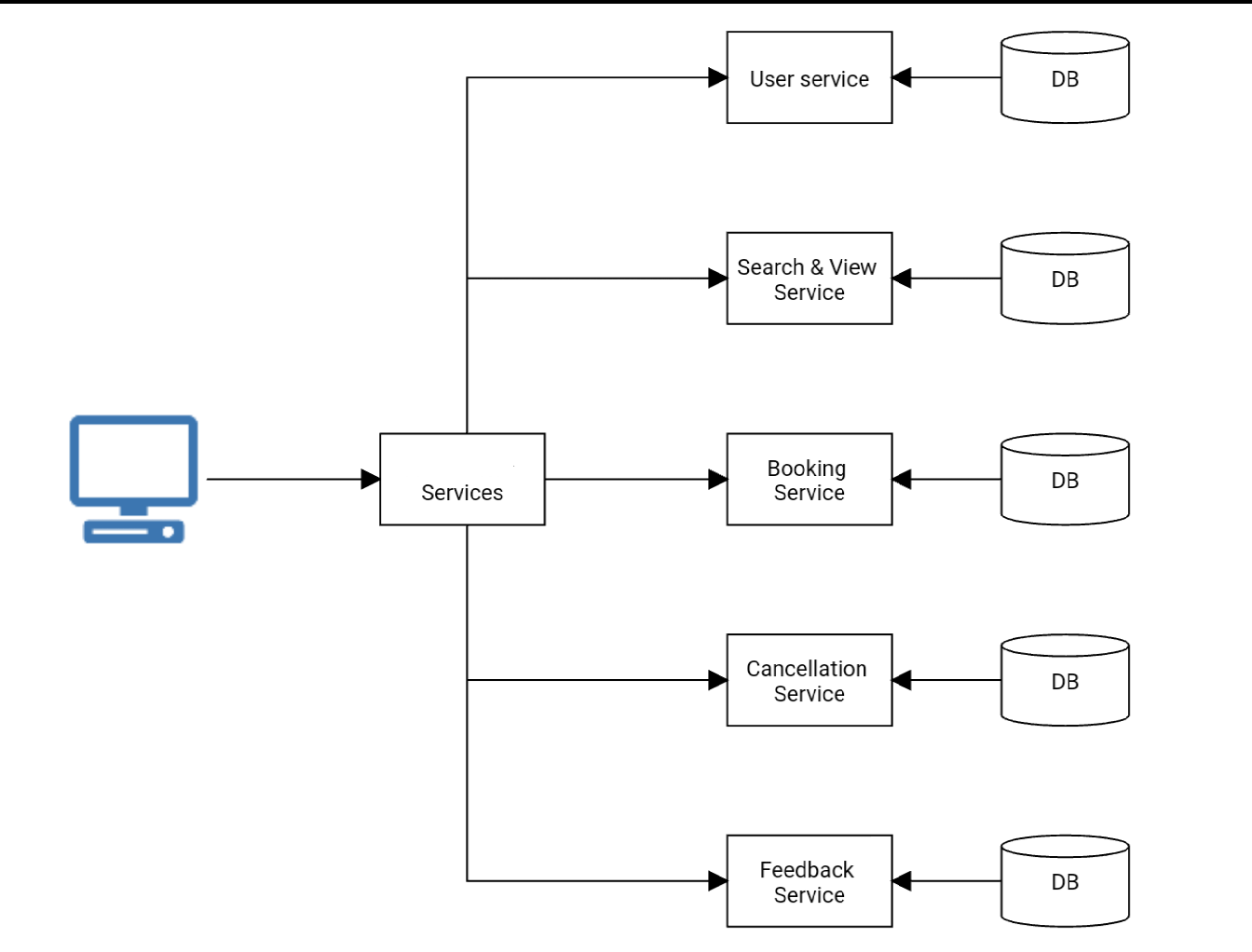
* Login
* Register
* Search Flights
* Booking Flights
* Make Payment
* View Bookings
* Cancel Booking
* Give Feedback

**Services**

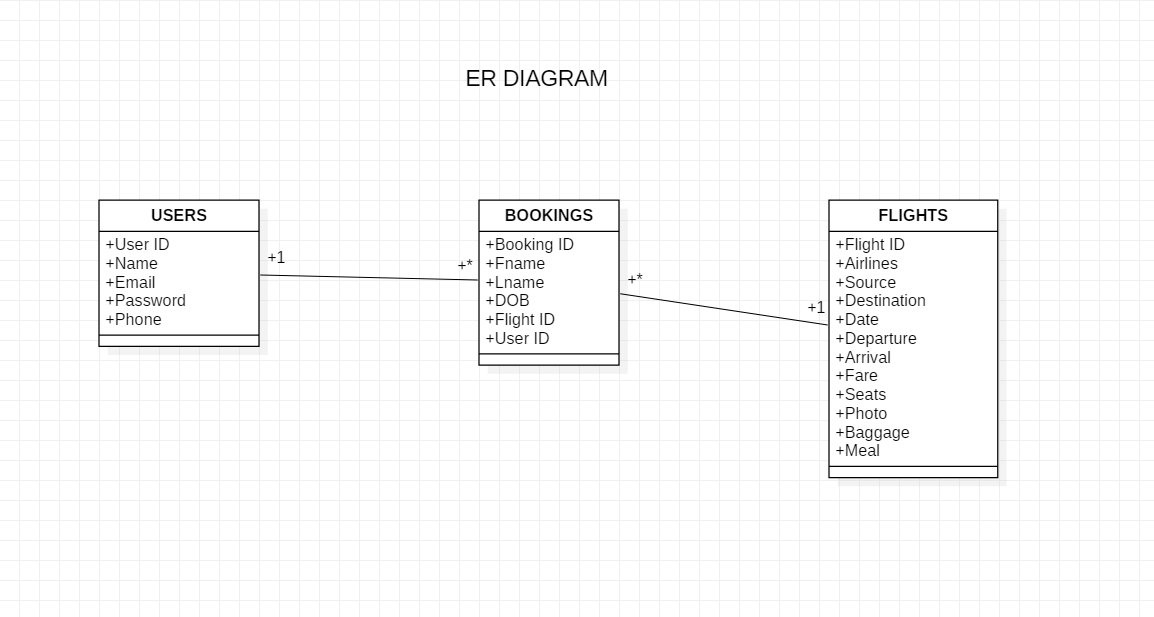
The different micro-services in which this project is divided into are:

* **User Registration :** User can register on website to use all the services.
* **User Login :** User will have to just enter email and password for validation.
* **Search Flight:** User can search flight by providing source, destination & date.
* **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.
* **Feedback:** User can provide feedback about the website.

**Overall Architecture Diagram:**

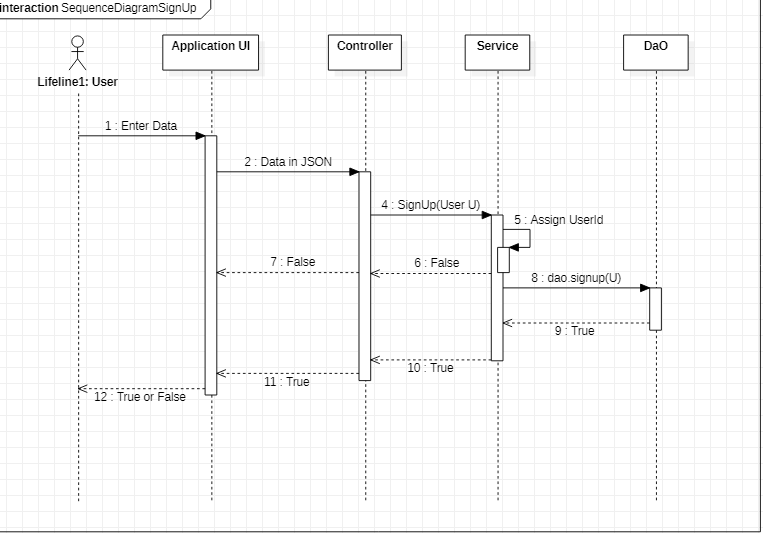
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**Overall Entity Relationship Diagram:**

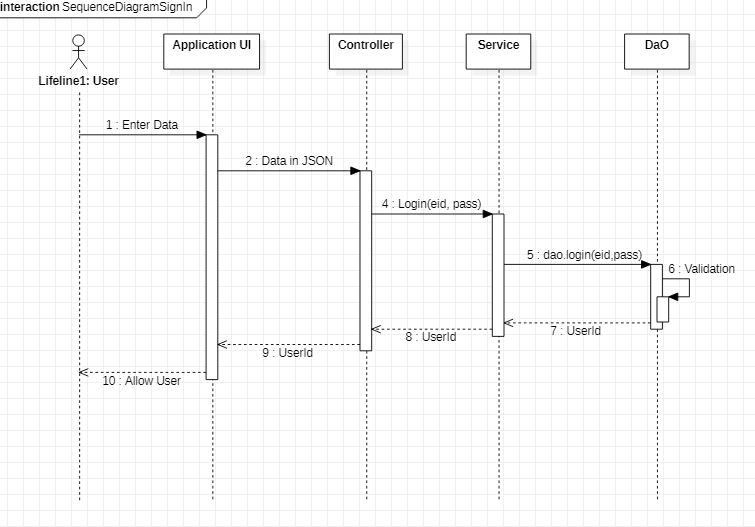
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**Sequence Diagrams:**

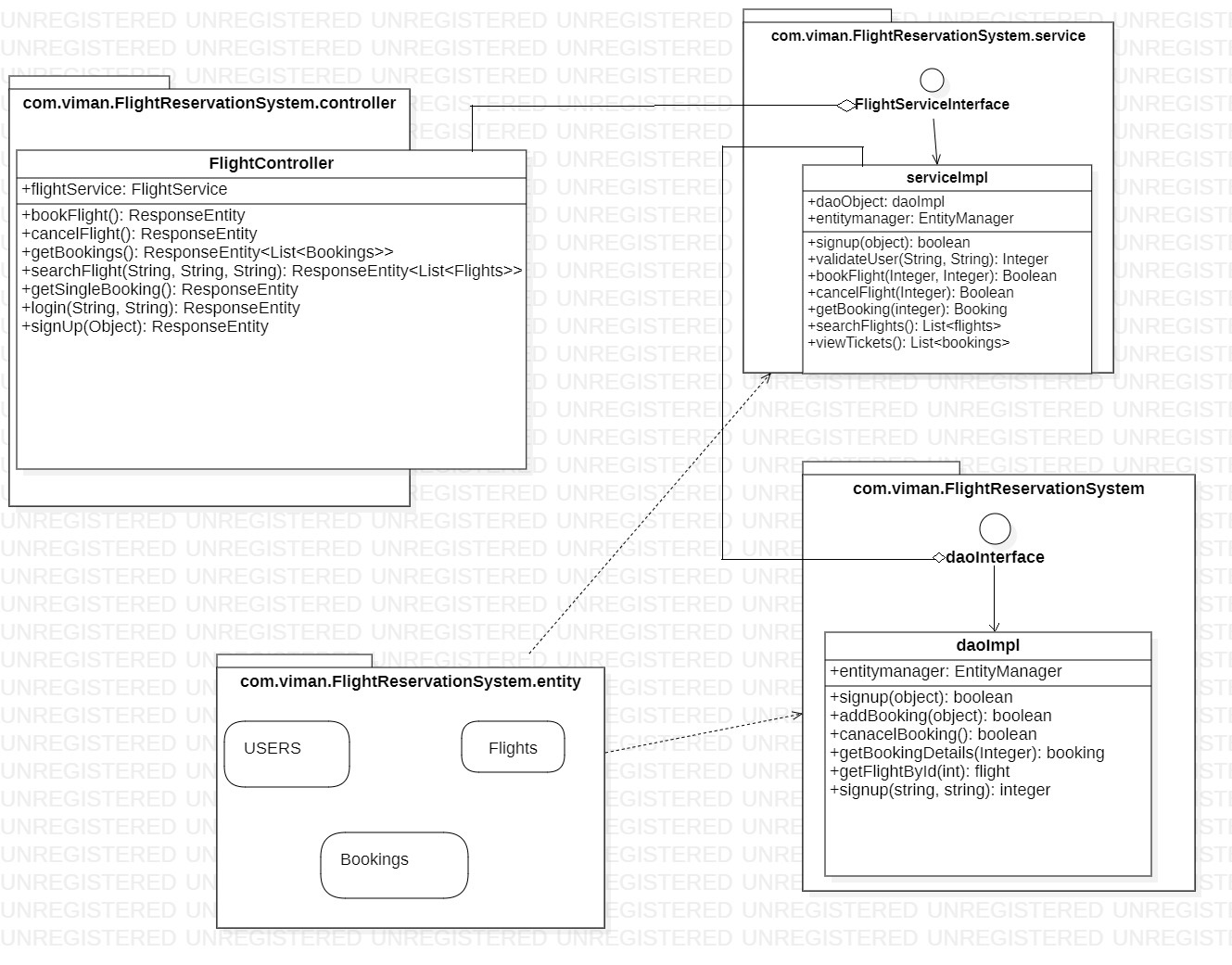
**SIGN UP-**



SIGN IN-

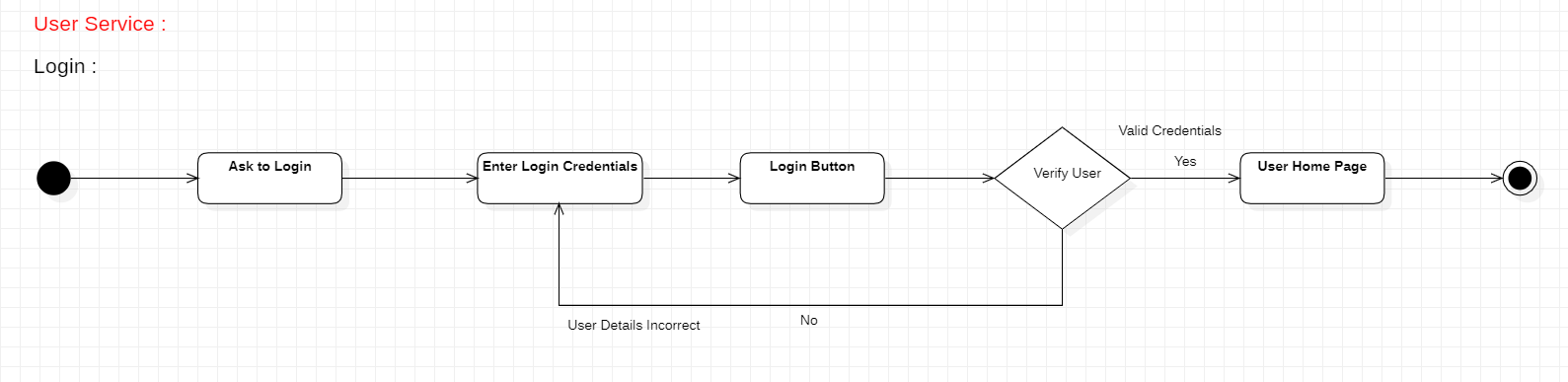
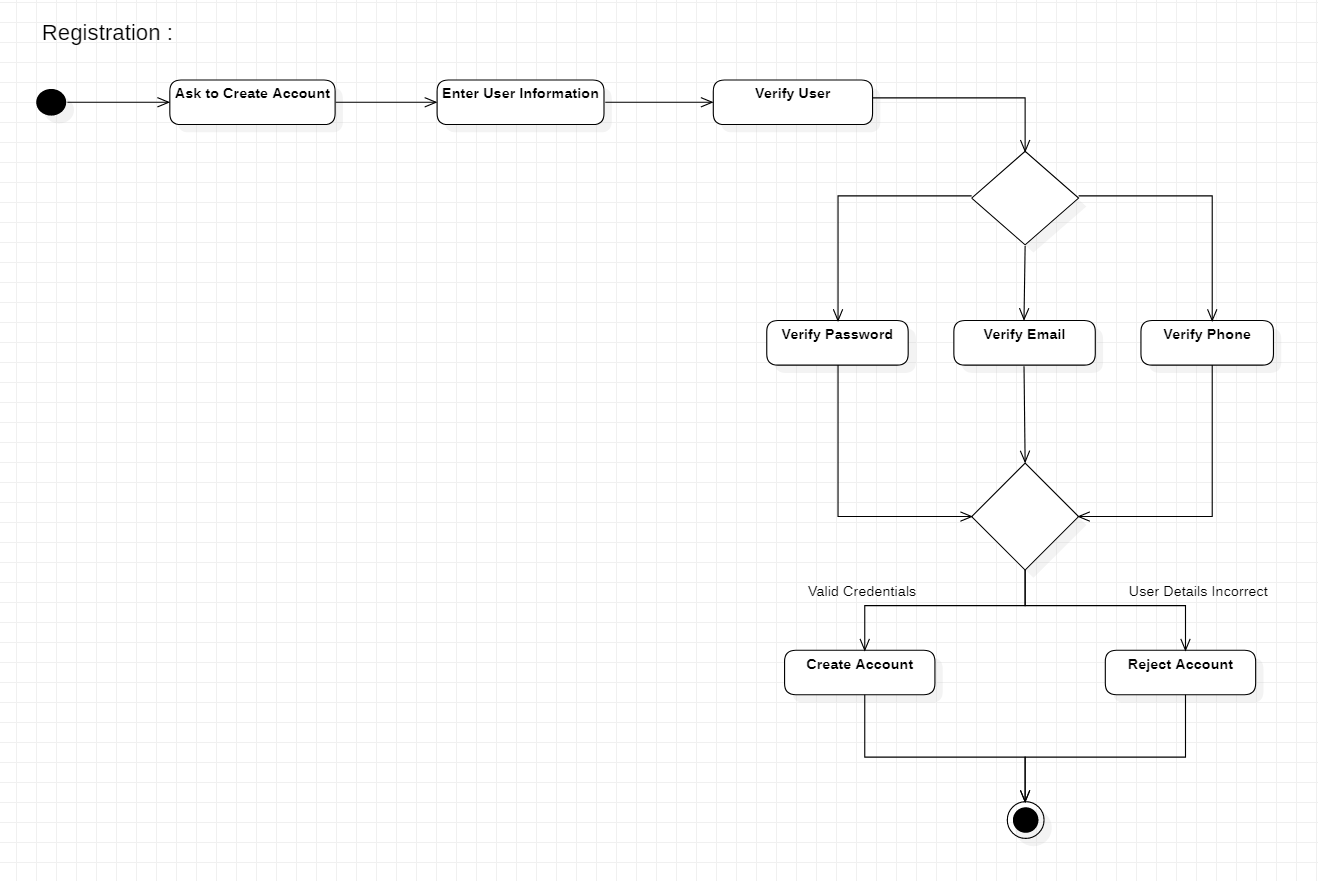


**Class Diagrams-**

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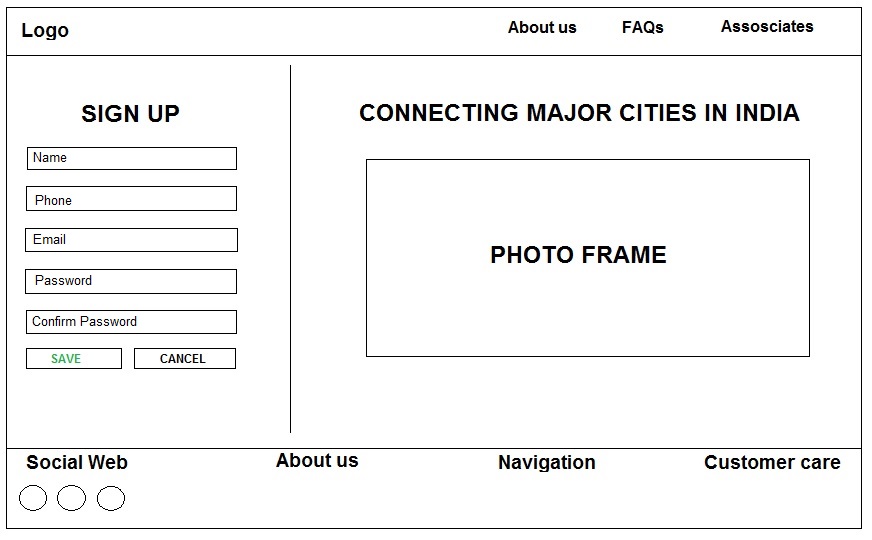
**Activity Diagrams-**

**SIGNUP-**

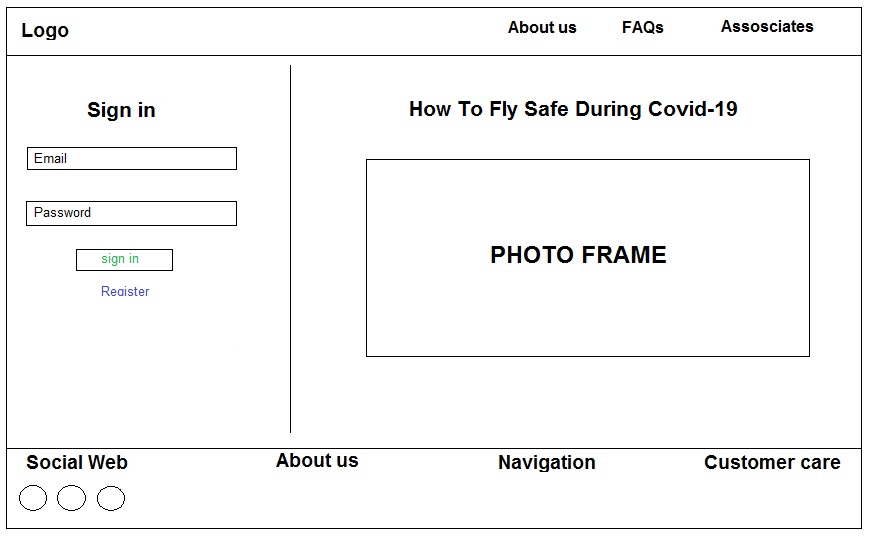


**LOGIN-**

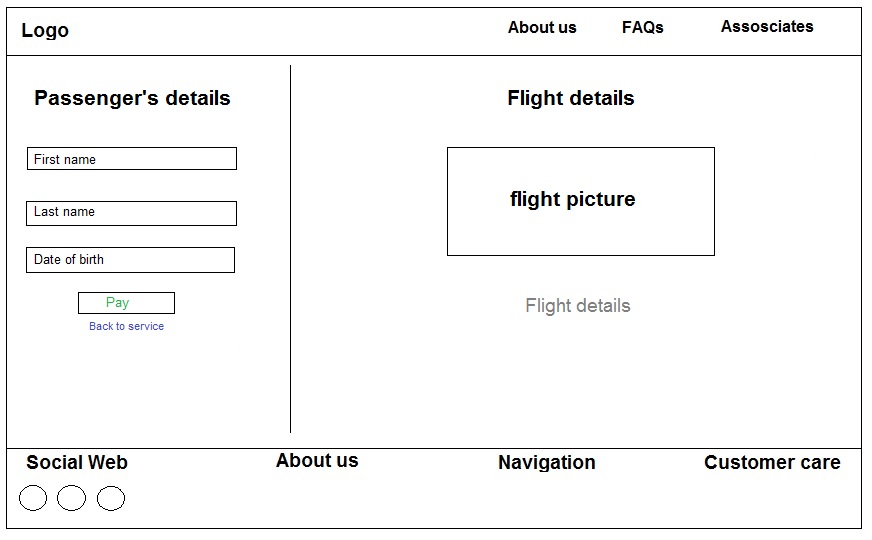
**Wireframes-**

**SIGNUP-**

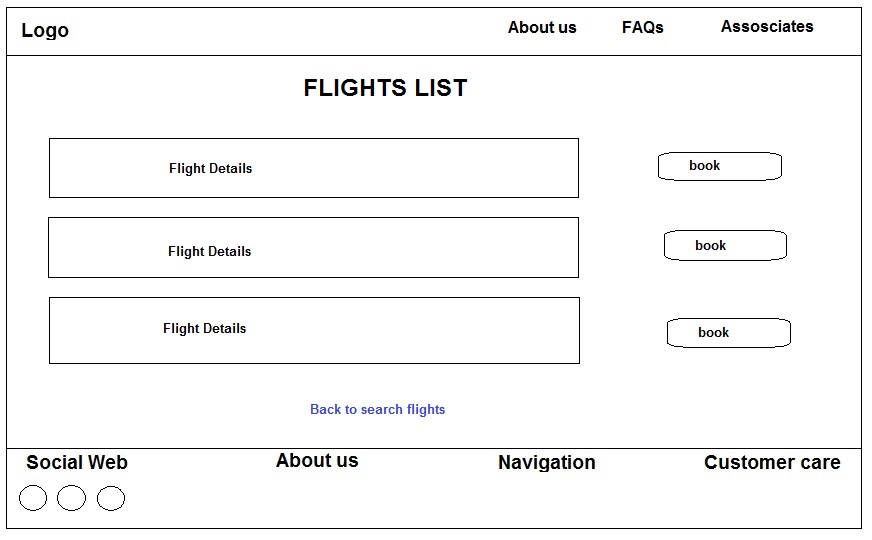
**LOGIN-**



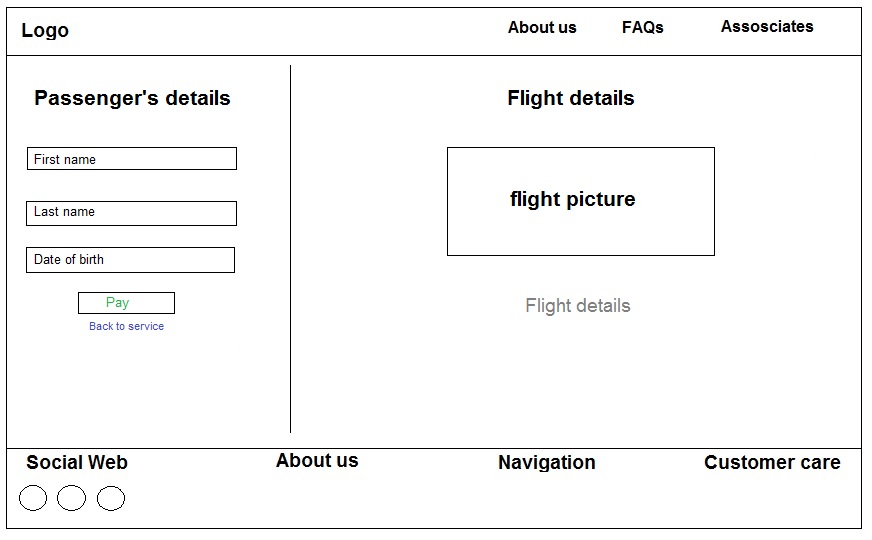
**SEARCH FLIGHT-**

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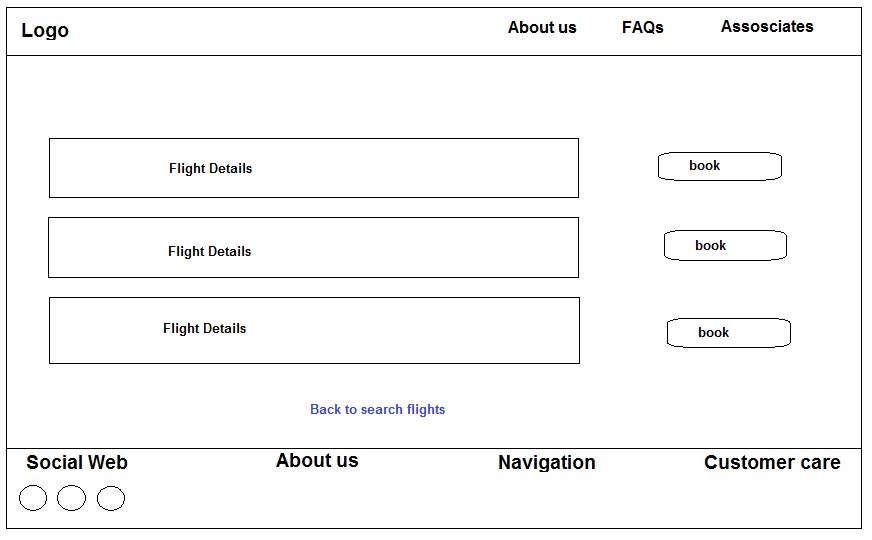
**VIEW FLIGHTS-**

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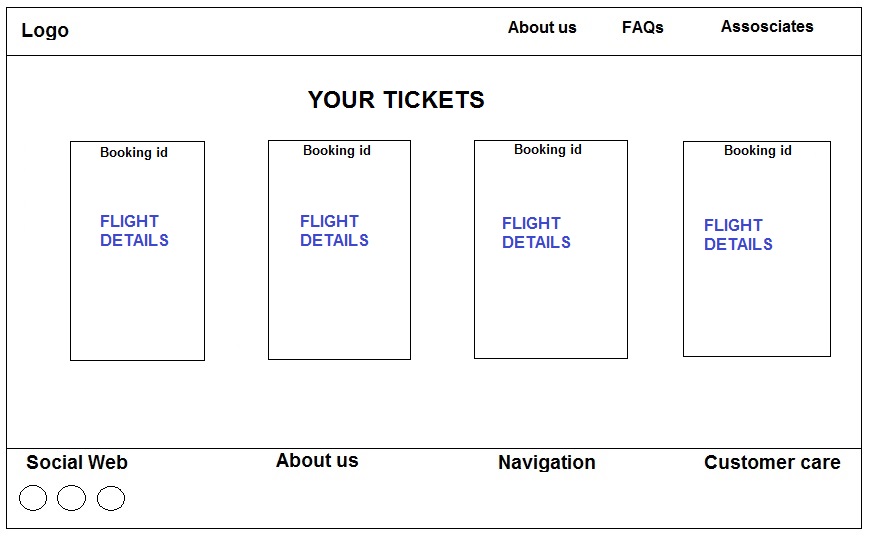
**PASSENGER DETAILS-**

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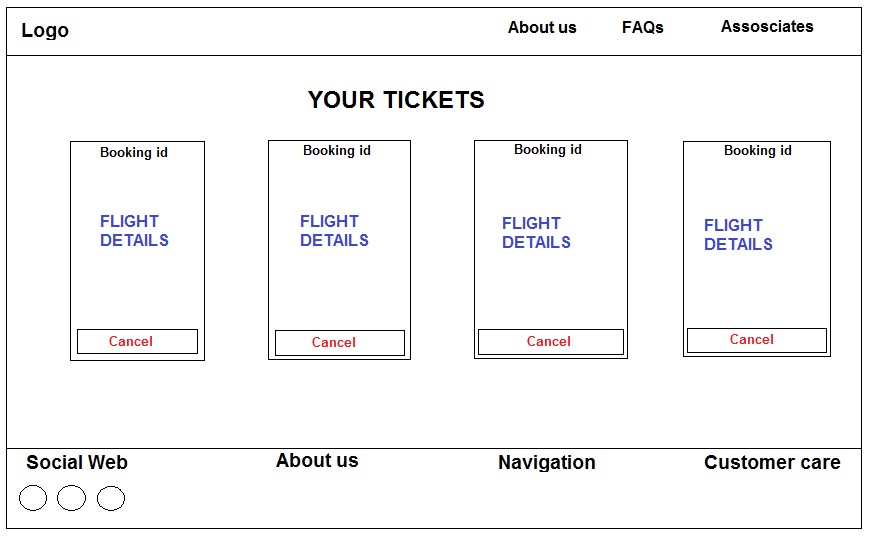
**PAYMENT GATEWAY-**

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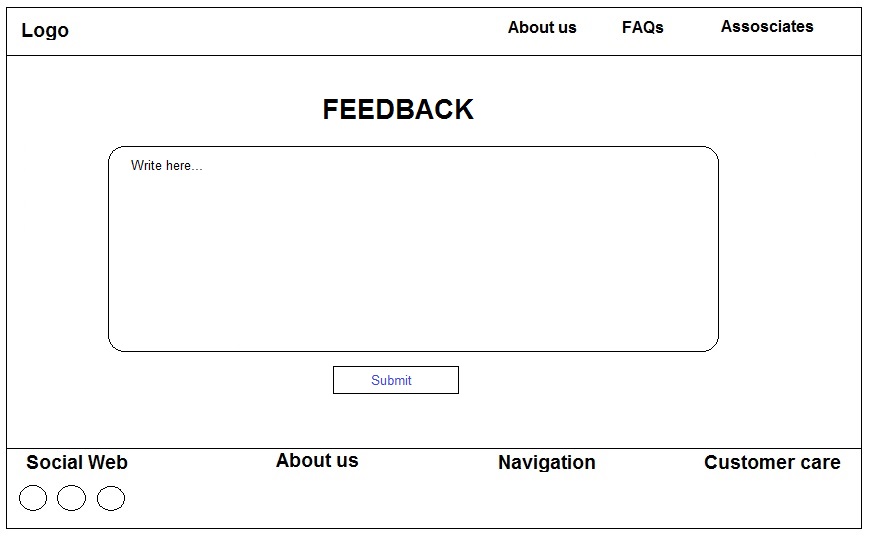
**VIEW BOOKINGS-**

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**CANCEL TICKETS-**

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**FEEDBACK-**

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