**Sprint Planning Notes:**

* **Sprint 1**: Focus on basic functionalities such as Home Page, Login, Log Out, and Voyager Dashboard (US\_001 to US\_004).
* **Sprint 2**: Focus on booking functionalities (Facility and Room Booking) (US\_006, US\_008).
* **Sprint 3**: Handle the fee generation, bill generation, and rescheduling functionalities (US\_010, US\_011, US\_007, US\_009).
* **Sprint 4**: Profile management and additional user functionalities (US\_005).
* **Sprint 5**: Admin functionalities (Add/Edit/Remove Facilities, View Booking History, View Bill History) (US\_012 to US\_017).
* **Sprint 6**: Additional work on fees for facilities (US\_015) and facility rescheduling (US\_007).

This plan organizes the work into logical groups, allowing you to focus on core features first before moving to advanced functionality. The story points are assigned based on the complexity of the task and the effort required to implement it.

Here’s a detailed description of how each page and its functionalities would look, considering the user stories and their flow. Since you’re a beginner in the tech stack, I’ve kept the descriptions simple and straightforward.

**1. Home Page (US\_001)**

* **Layout**: A clean and responsive layout with basic sections:
  + **Header**: Logo on the left, navigation links for About Us, Contact, Log In for Voyager, Log In for Admin, and Register for Voyager.
  + **Main Section**:
    - Buttons for **Log In for Voyager** and **Log In for Admin** (links to respective login pages).
    - A button for **Register for Voyager** (links to registration page for new voyagers).
    - Links to **About Us** and **Contact** with basic information displayed below the buttons.
  + **Footer**: Simple footer with copyright and company info.
* **Functionality**:
  + Buttons are linked to respective pages for log in and registration.
  + About Us and Contact pages are static with brief text (you can add content like company mission, vision, and contact details).

**2. Log In Page (US\_002)**

* **Layout**:
  + **Header**: Logo and navigation to home page.
  + **Main Section**:
    - A form with **Username** and **Password** fields.
    - **Log In** button to submit the form.
    - A link to **Forgot Password** and **Register for Voyager**.
  + **Footer**: Simple footer.
* **Functionality**:
  + The user enters their credentials and clicks **Log In**.
  + If credentials are valid, the user is redirected to the Voyager Dashboard.
  + If invalid, an error message appears.

**3. Log Out (US\_003)**

* **Layout**:
  + The **Log Out** button will be located on the Voyager Dashboard page.
* **Functionality**:
  + When clicked, the user is logged out, and they are redirected back to the **Home Page**.

**4. Voyager Dashboard (US\_004)**

* **Layout**:
  + **Header**: Displays the user’s name and a **Log Out** button.
  + **Main Section**:
    - **Profile Management** button.
    - **Facility Booking** button.
    - **Room Booking** button.
    - **View Facility Booking History** button (to view past bookings).
  + **Footer**: Simple footer.
* **Functionality**:
  + **Facility Booking**: Takes the user to a page where they can book a facility.
  + **Room Booking**: Takes the user to a page where they can book a room.
  + **Profile Management**: Allows the user to view and update their profile (name, email, phone number).
  + **View Facility Booking History**: Displays a list of all past bookings for the user.

**5. Profile Management Page (US\_005)**

* **Layout**:
  + **Header**: User’s name and **Log Out** button.
  + **Main Section**:
    - A form displaying the user’s current **Name**, **Email**, and **Phone Number** with editable fields.
    - **Save Changes** button to update the profile.
  + **Footer**: Simple footer.
* **Functionality**:
  + The user can update their profile information (e.g., name, email, phone number).
  + After making changes, the user can click **Save Changes** to update the information in the system.

**6. Facility Booking Page (US\_006)**

* **Layout**:
  + **Header**: Voyager’s name and **Log Out** button.
  + **Main Section**:
    - A list of **Available Facilities** (e.g., Gym, Pool, Spa) with options to choose a facility.
    - Each facility has a **Book Now** button.
    - Fields to provide **Booking Date** and **Time** for the selected facility.
    - **Confirm Booking** button to submit the booking.
  + **Footer**: Simple footer.
* **Functionality**:
  + The user selects a facility, chooses a date and time, and clicks **Confirm Booking**.
  + The booking is recorded, and a confirmation message appears.

**7. Facility Rescheduling Page (US\_007)**

* **Layout**:
  + **Header**: Voyager’s name and **Log Out** button.
  + **Main Section**:
    - A list of **Past Bookings** with options to reschedule.
    - The user selects a booking and chooses a new **Date** and **Time**.
    - **Confirm Reschedule** button.
  + **Footer**: Simple footer.
* **Functionality**:
  + The user selects a past booking, enters the new date/time, and clicks **Confirm Reschedule**.
  + The booking is updated, and a confirmation message appears.

**8. Room Booking Page (US\_008)**

* **Layout**:
  + **Header**: Voyager’s name and **Log Out** button.
  + **Main Section**:
    - A list of **Available Rooms** (e.g., Standard Room, Suite, etc.).
    - Each room has a **Book Now** button.
    - Fields to select **Check-in Date**, **Check-out Date**, and any special preferences.
    - **Confirm Booking** button.
  + **Footer**: Simple footer.
* **Functionality**:
  + The user selects a room, fills in the necessary details (dates, preferences), and clicks **Confirm Booking**.
  + The booking is confirmed, and a confirmation message appears.

**9. Room Rescheduling Page (US\_009)**

* **Layout**:
  + **Header**: Voyager’s name and **Log Out** button.
  + **Main Section**:
    - A list of **Past Room Bookings**.
    - The user selects a booking and chooses a new **Check-in Date** and **Check-out Date**.
    - **Confirm Reschedule** button.
  + **Footer**: Simple footer.
* **Functionality**:
  + The user selects a past room booking and enters a new check-in and check-out date.
  + The system updates the booking and sends a confirmation message.

**10. Bill Generation Page (US\_011)**

* **Layout**:
  + **Header**: Voyager’s name and **Log Out** button.
  + **Main Section**:
    - Displays the **Total Charges** for the voyager’s facility and room bookings.
    - A button to **Download Bill**.
  + **Footer**: Simple footer.
* **Functionality**:
  + The bill is automatically generated based on the user’s bookings (facility and room).
  + The user can view the charges and download the bill in PDF format.

**11. Admin Pages (Add/Edit/Remove Facilities)**

* **Add Facility (US\_012)**:
  + **Layout**:
    - A form to input **Facility Name**, **Type**, **Availability**, and **Fee**.
    - **Submit** button to add the facility.
  + **Functionality**:
    - The admin can add new facilities to the system. A success message appears after the addition.
* **Edit Facility (US\_013)**:
  + **Layout**:
    - A list of existing facilities with an **Edit** button for each.
    - The admin can modify details like **Facility Name**, **Type**, **Availability**, and **Fee**.
  + **Functionality**:
    - After editing the details, the admin can save the changes.
* **Remove Facility (US\_014)**:
  + **Layout**:
    - A list of existing facilities with a **Delete** button for each.
  + **Functionality**:
    - The admin can remove a facility from the system. A confirmation message appears after deletion.

**12. View Facility Booking History (US\_016)**

* **Layout**:
  + **Header**: Admin’s name and **Log Out** button.
  + **Main Section**:
    - A list of all **Facility Bookings** with details such as user name, facility name, booking date, and status.
  + **Footer**: Simple footer.
* **Functionality**:
  + The admin can view the entire history of facility bookings made by all users.

**13. View Bill History (US\_017)**

* **Layout**:
  + **Header**: Admin’s name and **Log Out** button.
  + **Main Section**:
    - A list of all **Bills Generated**, with details such as user name, charges, and payment status.
  + **Footer**: Simple footer.
* **Functionality**:
  + The admin can view a list of all bills generated for voyagers.

**General Design Tips:**

* **Responsiveness**: Use a responsive layout (like Bootstrap) to ensure the pages work well on both desktop and mobile.
* **Error Handling**: Provide error messages (e.g., invalid login credentials, booking conflicts).
* **User Feedback**: Show success and error messages (e.g., “Booking Confirmed” or “Failed to update profile”).

By keeping the design simple and focusing on essential functionalities, you can gradually add complexity as you gain more experience.