Usage Guidelines

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DOCUMENT REVISION HISTORY

Version	Date	Author(s)	Reviewer(s)	Description
1.0	29th-October-2018	Ramya H S Nicky Prusty	Angad Singh Bindra	Initial Draft
2.0	5th-January-2019	Ramya H S Nicky Prusty	Angad Singh Bindra	Second Draft

Wanderlust is an International travel package booking application. It has two types of users – Visitors and Registered Users.

Visitors have to register themselves to the application so as to use the application and get the benefits of a registered user. Visitors can view all the available packages and their details but cannot book them. Registered users can view all the available packages, view details of the package and book the same.

OVERALL REQUIREMENTS

The web app shown in the reference video only shows the <u>minimum requirements</u> for the application. Aspects like web accessibility which leads to a better user experience, better error handling etc. should also be implemented. Your implementation of the Wanderlust web app should be an *improvisation* of it.

1. Use **git** for code integration and management. At-least one git push per trainee, per day is required.

2. Use *Prime* components wherever necessary.

3. Make sure each member in the team uses at least two **new** *Prime* components.

4. Add appropriate validations wherever necessary. For example, you should be validating that the trip start date is not before today.

5. Appropriate error messages should be provided for any such validations done above.

6. The Error or Success messages should be populated based on the requirement and it should be appropriate.

7. There should not be any spelling or grammatical mistakes.

8. The website should have a uniform color theme.

9. You can refer to the index.css file for styling your web app. You should be using bootstrap or Prime components styling for most part.

10. Make **web accessibility** a part of your design and development. The reference video does not implement this
   - aXe Developer Tools from Deque Systems (for Firefox and Chrome)
   - Lighthouse Developer Tools for Google Chrome
   - WAVE from WebAIM (for Firefox and Chrome)

11. Write E2E (protractor) test cases for the application as a whole.

12. Write at-least 3 test cases for both front-end and back-end for each user story.

<div align="center">PRODUCT BACKLOG</div>

User Story ID	Priority	Story points
US01	This is very critical to the application	2

As a visitor, I should be able to login to the application by providing my credentials i.e. – contact number and password, so that I can avail all the services of the application.

Acceptance criteria

A. **Validate** that the user is registered with the application.
   - **Contact Number**: The contact number should be a valid Indian mobile number
   - **Password:** It should be 7 to 20 characters in length (both inclusive). It should contain at least one uppercase, at least one lowercase, at least one digit. It should also contain a special character amongst -! **@, #, $, %, ^, &, ***
   - It should be verified from the database that both the credentials i.e. – contact number and password provided by the registered user are *correct.*

B. **On successful validation** of above parameters
   - After successfully logging in, the user should be navigated to the home page.
   - After login, navbar will have all the user functionalities like planned trips, Hot deals and the name of the user who has logged in.
   - Appropriate messages should be displayed to the user, in case of any error or exception, or login is failed.
     Example: If the entered contact number or password is wrong:
     "Enter the registered contact number" or "Enter correct password"

User Story ID	Priority	Story points
US02	This is very critical to the application	3

As a visitor, I should be able to "Register" with the application, by providing details like name, email id, contact number and password, so that, I can use the services and get the benefits of a registered user.

Acceptance criteria

A. **Validate** the format of name, email-id, contact number and password
entered by the visitor.

- **Name**: It can contain only alphabets and spaces. It should not start or end with a space. It can't contain only spaces.

- **Email Id**: The email-id should be of the following format: example@exm.com
- **Contact number**: It should be a valid Indian mobile number. It can contain only digits and length should be 10.
  Example: 7541834534

- **Password**: It should be 7 to 20 characters in length (both inclusive). It should contain at least one uppercase, at least one lowercase, at least one digit. It should also contain a special character amongst -! **@, #, $, %, ^, &, ***

- It should be verified from the database that the contact number provided by the visitor is *available.* The contact number entered by this new user, should not be already in use by other users of the application.

B. **On successful validation** of above parameters, add the new user to the
database.

- After successfully adding the new user, a success message should be displayed and should prompt the user to Login.

- Appropriate messages should be displayed to the user, in case of any error or exception, or register is failed.
  Example: If registration fails:" Registration failed! Please try again"

User Story ID	Priority	Story points
US03	This is very critical to the application	5

As a visitor or a registered user, I should be able to see Hot deals that are available and search for other available packages, so that I can explore all the packages available for booking.

Acceptance criteria

Users should be able to view all the hot deals.

Users should be able to search for packages and view them.

Note: Use case-insensitive string matching.

- Results should be displayed as cards, as shown in the reference.
- Appropriate messages should be displayed to the user, in case of any error or exception.
  Example: If there is no package available for a particular search:
  "Sorry we don't operate in this Destination"

User Story ID	Priority	Story points
US04	This is very critical to the application	5

As a visitor or a registered user, I should be able to view package details, so that I can review the whole package.

Acceptance criteria

- Display the details of the packages in the side bar as shown in the reference.
- Sidebar has three tabs- Overview, Itinerary and Book. ○ Overview shows the outline of the tour.
  - ○ Itinerary shows the day wise planning of the tour.
  - ○ Book should allow user to calculate the total charges of the package as shown in reference.
- "Book" button should lead the user to further book the package.

User Story ID	Priority	Story points
US05	This is very critical to the application	8

As a logged-in user, I should be able to Book a desired package.

Acceptance criteria

B. **Validations**
- **Validate** that the user is "logged-in".
- Booking can be done either from the package details card or from the sidebar as shown in the reference.
- User should enter the details as shown in reference. "Confirm Book" should book a particular package for the user.
- A user can only book one package in a particular duration.
- **Number of Travelers**: It should be between 1-5 (both inclusive)
- **Trip Start Date**: Start date should be later than today

C. **On successful validation** of above parameters
- After seeing the details of a package as shown in reference, the user should be able to book that package.
- A new booking should be added to the database.
- Package *availability* should be **decreased** in the backend according to the no. of people for which bookings are made.
- The book form (shown in reference) should have appropriate error messages.
  Example: If Number of traveler's validation fails, "Number of travelers should be between 1 and 5" should be displayed.
  (This is applicable where ever the booking form is used)

User Story ID	Priority	Story points
US06	This is very critical to the application	5

As a logged-in user, I should be able to view my planned trips.

Acceptance criteria

A. **Validate** that the user is "logged-in"
B. **On successful validation** of above parameters
- The user should be able to see all the packages that he has booked with all the necessary details the user needs to know about his booking.
- There should be an option to cancel a particular booking.
- Appropriate error messages should be displayed.
  Example: If there no planned trips, "Sorry You have not planned any trips with us yet!" should be displayed.

User Story ID	Priority	Story points
US07	This is very critical to the application	3

As a logged-in user, I should be able cancel a particular booking.

Acceptance criteria

A. **Validate** that the user is "logged-in" after claim refund is clicked

B. **On successful validation** of above parameters

- Prompt the user to confirm their cancellation.
- The booking data should be deleted from the database.
- Package *availability* should be **increased** in the backend for the cancelled bookings.
- Appropriate error messages should be populated in case of any error in deleting the package.

User Story ID	Priority	Story points
US08	This is very critical to the application	2

As a logged-in user, I should be able to logout.

Acceptance criteria

A. **Validate** that the user is "logged-in"
B. **On successful validation** of above parameters

- A confirm box should appear asking user if he wants to logout from his session •
If yes, logout and redirect the user to home page