Lab 10: Venture Vibes

Team Number: 02

Team Name: Adventure Squad

Application Name: Venture Vibes

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Application Description: Want a vacation, but don't know where to go? Look no further. VentureVibes allows users to put in a range based on their current location, weather preference, and desired kind of activity! Giving the user a travel itinerary based on their preferences allows them to have the perfect vacation they didn't know they needed!

Vision Statement: Empowering personalized travel experiences, our app simplifies vacation planning by crafting tailored itineraries that match individual preferences. We aspire to streamline the overwhelming array of options and create memorable, personalized journeys for every traveler, ensuring each person discovers the perfect activities that resonate with their unique personality and desires. Unlike TripAdvisor, VentureVibes suggest vacation destinations and activities during their allotted vacation period that users can add to their trip itineraries.

Communication Plan: Our team has a text group chat with our numbers.

Meeting Plan: We will meet on average once a week but more times if it's needed! We plan to meet once a week on Wednesdays at 7pm through Zoom. We will meet with Bhoomika also on Wednesdays but at 7:15pm through Google meets.

Use Case Diagram:
- Users should be able to Login and keep track of their itineraries
- Users should be able to Register if they don't already have an account
- When looking for vacation ideas, users should be able to set filters for preferences (user can input desired weather, radius from current location to vacation destination, and allotted vacation time period.
- Users should be able to add vacation activities to their itineraries.
- Users should be able to click on links that will bring them to TripAdvisor to book the activities.

- Users should be able to see previously created trip itineraries.
- Users should be able to be redirected to the login page when they click logout.

Wireframe:

Login Page:

Discover   My Trips   Login

Login

Email

[   ]

Password

[   ]

Don't have an account? Register

Register Page:

Register

Email

Password

Already have an account? login

Empty Search Page:

Discover MyTrips   LOGO   Logout

Weather ∨

Radius ∨

Time Period
start   End
[MM/DD] — [MM/DD]

SEARCH

No Results

Search Page:
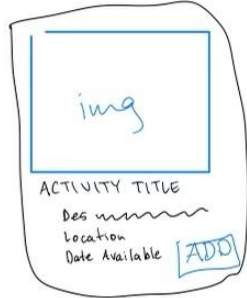
Discover MyTrips   LOGO   Logout

Weather ∨

Radius ∨

Time Period
start   End
[MM/DD] – [MM/DD]

SEARCH

ACTIVITY TITLE
Des ~~~~~
Location
Date Available [ADD]

ACTIVITY TITLE
Des ~~~~~
Location
Date Available [ADD]

ACTIVITY TITLE
Des ~~~~~
Location
Date Available [ADD]

ACTIVITY TITLE
Des ~~~~~
Location
Date Available [ADD]

ACTIVITY TITLE
Des ~~~~~
Location
Date Available [ADD]

ACTIVITY TITLE
Des ~~~~~
Location
Date Available [ADD]
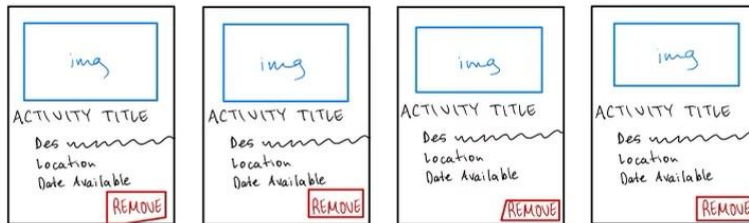
Itinerary Page:

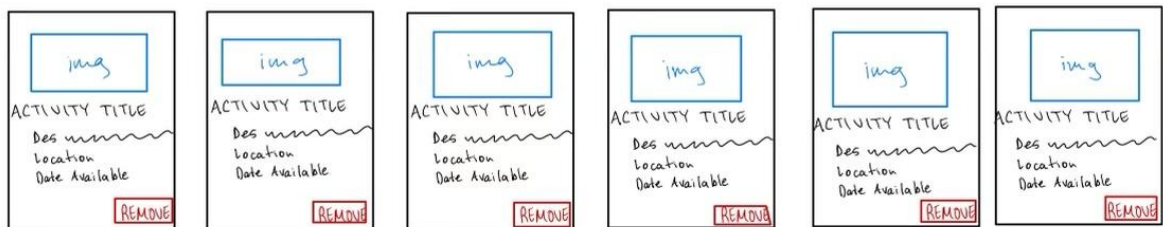Discover   My Trips   LOGO   Logout

DD/MM – DD/MM

DD/MM – DD/MM

Resources:

APIs:
- Trip Advisor (See Nearby Location Search and Location Details):
  https://tripadvisor-content-api.readme.io/reference/searchfornearbylocations
  - KEY: 9B92E43DA3494C1D9851666FE9486B1D
  - 5000 calls per month FREE
- OpenWeatherMap : https://openweathermap.org/api/one-call-3
  - KEY: 6f39900b6910c32d43c6e2a6233d9535
  - 1000 calls per day FREE

Styling References:
https://getbootstrap.com/docs/5.2/getting-started/download/