

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.

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:

Discover My Trips

login

Register

Email

Password

Already have an account? [login](#)

Empty Search Page:

Discover MyTrips

LOGO

Logout

Weather v

Radius v

Time Period

start End
MM/DD - MM/DD

SEARCH

No Results

Search Page:

Discover MyTrips

LOGO

Logout

Weather v

Radius v

Time Period

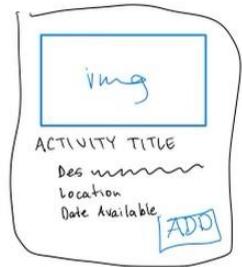
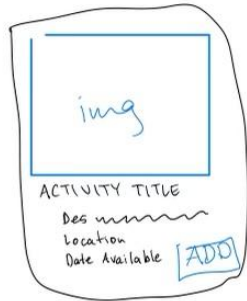
start

MM/DD -

End

MM/DD

SEARCH



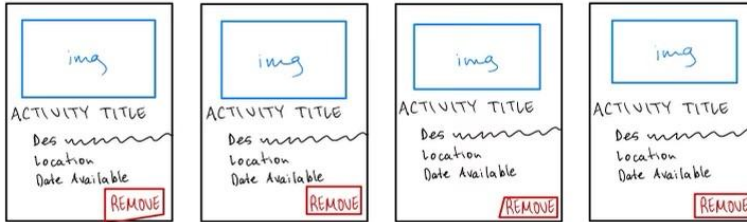
Itinerary Page:

Discover My Trips

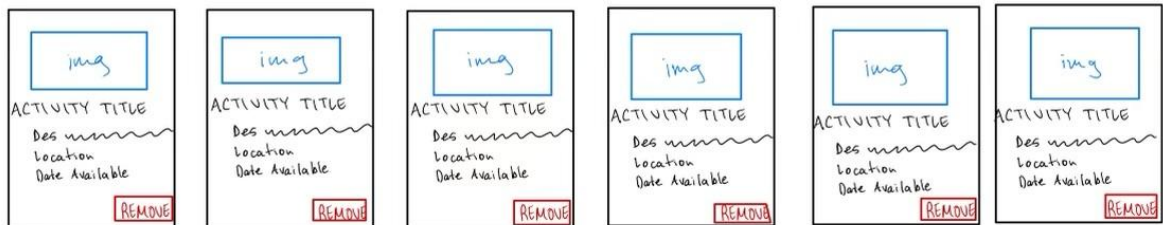
LOGO

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/searchfor nearbylocations>
 - 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/>