

P1: Design Doc

WDMP (World Domination by the Magical Pinks)

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SoftDev

Period 8

Target Ship Date: 2022-12-21

Framework: Bootstrap

APIS

- [Weather](#)
- [Aviationstack](#): to track flights
- [OpenTripMap](#): hotels, tourist locations
- [Google Maps](#): everything else

Website Description:

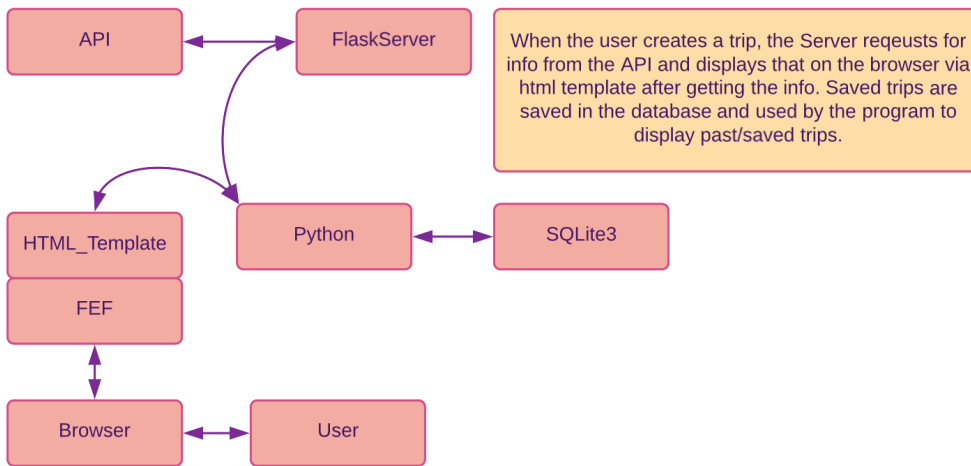
Site Name: Trippin'

- Based on user selection, app will help plan a trip
- Tracks flights that goes from original destination to desired destination for given date(s)
- After user inputs data for what entertainment they want, how many they want per day, etc. and website will generate a trip for them
 - User can still edit entertainment given by adding/deleting
 - Drop down will be shown of options that user can add
 - All entertainment locations will be shown on a map
- When viewing each trip entertainment: will show a description of it with pictures, descriptions, etc.
 - Will also display all restaurants around that entertainment
 - User can select a restaurant or leave it undecided
- After trip is generated, user can select hotels based on their input
- Tracks weather for given date(s) and location when viewing trips

Bootstrap:

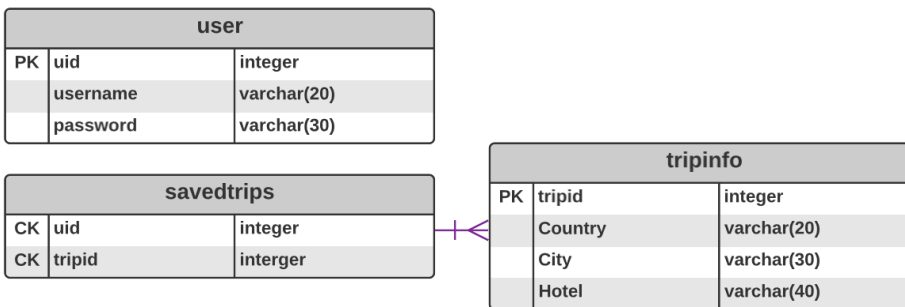
- We will be using the bootstrap .navbar class to allow users to navigate through the different pages on our site
- The spinner component will be used with our logo as the spinning image so users can have something fun to see the logo spinning as they wait for the page of results to load
- We chose bootstrap because the class name is easier to work with and it has more features

Component Map

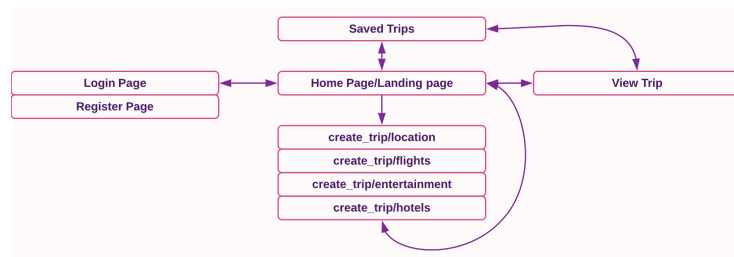


Database Organization

- Only storing saved trips in database and user login information



Site Map



Breakdown of Tasks

- April: bootstrap/html
- Aahan: flask/api
- Joshua: database/flask/api
- Yuki: bootstrap/html

Extra:

- Map Clicking Interactions

