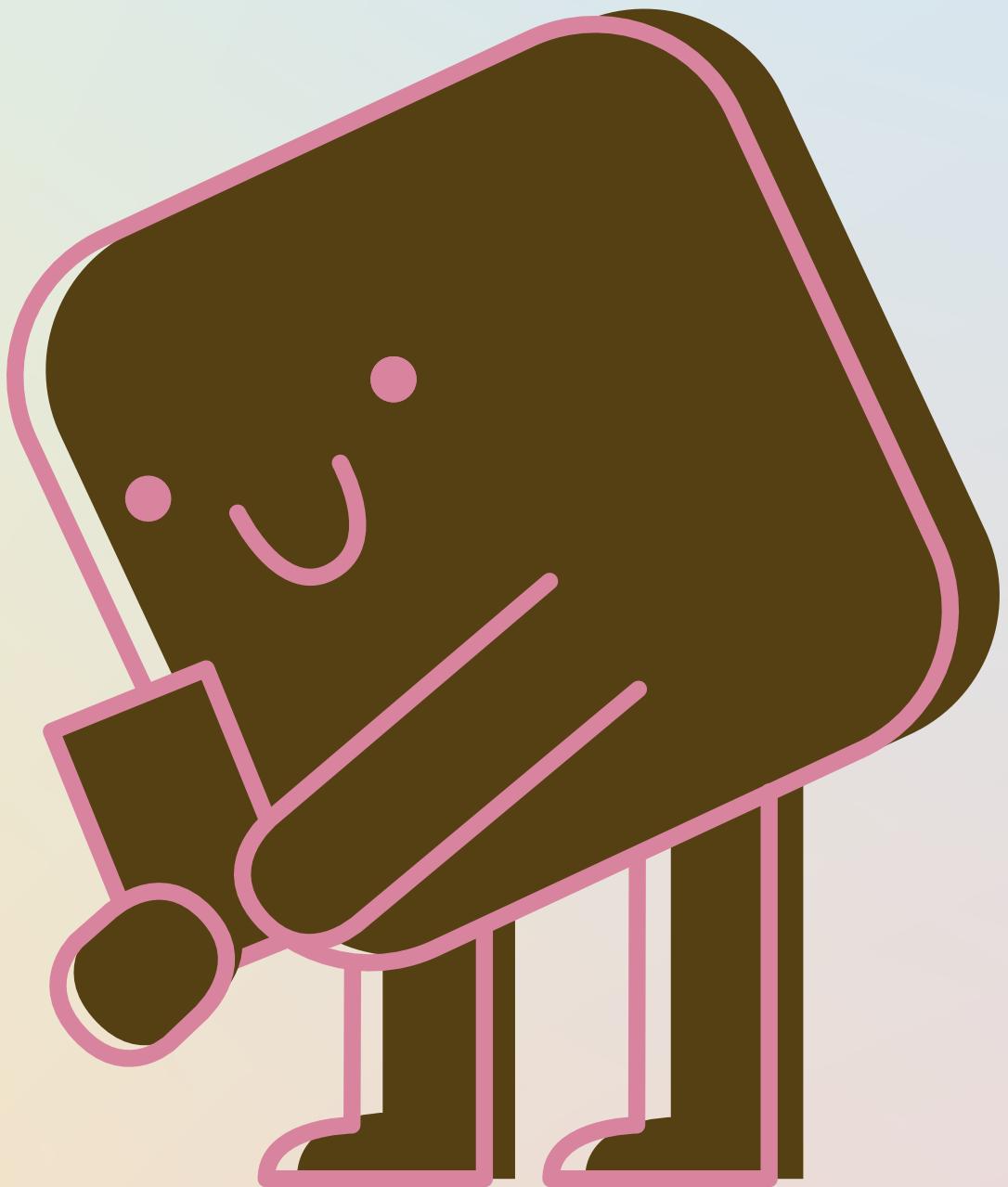


TravelMate

AI- ITENENARIES



Agenda

- *What is travelmate*
- *Who is it for?*
- *Features*
- *AI integration*
- *Layout/ frontend showcase*
- *Backend Integration*
- *Website Demo*

What is TravelMate?

1

Users put in their preferences for a destination

2

GPT-API generates an itenenary based on those preferences

3

Users get to save and view experiences of other users

Why?

1

**Minimal input
from the user**

2

AI generated

3

**Save plans,
see
experiences of
other users**

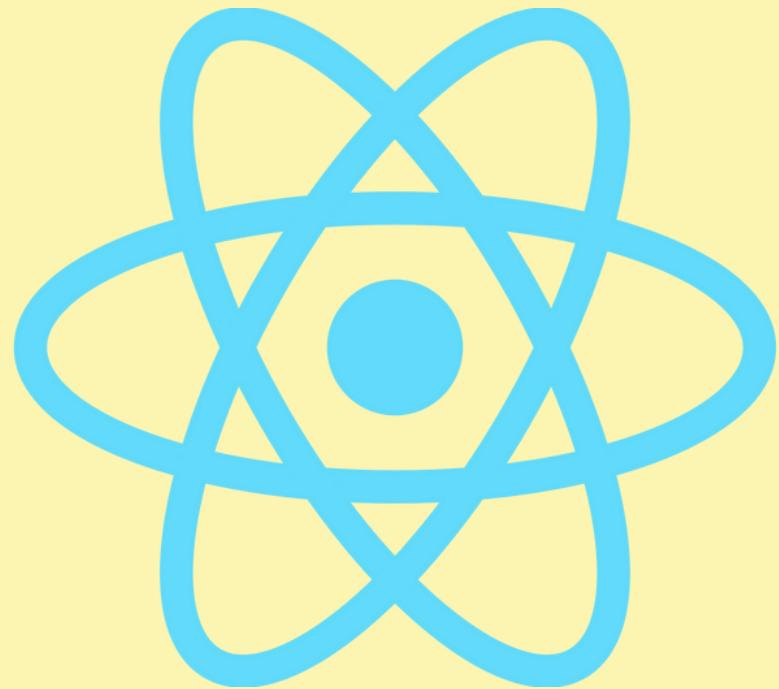
4

**Explore new
destinations**

Main Features

- 1 Login /Signup
- 2 Homepage search
- 3 Explore page
- 4 Reviews Page
- 5 User Profile

Stack used



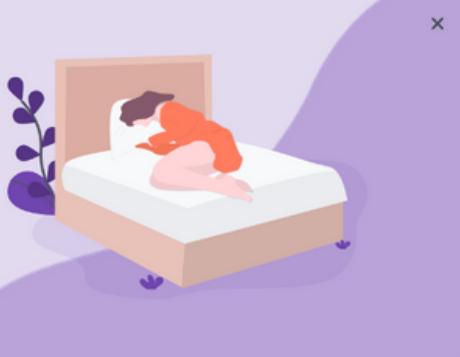
 **wanderlog** Home Travel guides Hotels Deals

Enter place or user   

Experience a better hotel search

Most hotel sites rank results by how much hotels pay them. Not us, we rank hotels based on your price and rating preferences. We've got your back, simple as that.

[Search hotels](#) [Learn more](#)



+ Plan new trip

Recently viewed and upcoming



Trip to Thiruvananthapuram (Tri...)

 Itineraries Places Blog [How-it-Works](#)

Travel itinerary planner



No more struggling with Word docs, spreadsheets and Google Maps to plan a trip.

With the online Travaa planning website you have one simple tool, to organise trips of any complexity.

Create a new trip or start with a ready made itinerary. Add activity and accomodation cards. Drag-and-drop these around your daily schedule.

Print, publish and share!

Enjoy planning your trip today!

Roam Around

San Francisco, California, USA May 17 - 18

Full Itinerary

[Day 1](#) [Day 2](#) [Day 3](#) [Day 4](#) [Day 5](#)

Day 1

- MORNING**
Begin your day by visiting the iconic [Golden Gate Bridge](#) and taking a leisurely walk or bike ride across the span while enjoying breathtaking views of the city and the bay.
- AFTERNOON**
Head to [Fisherman's Wharf](#) to try some of San Francisco's famous seafood, such as clam chowder in a sourdough bread bowl, at one of the many restaurants. Take a stroll along the waterfront and visit [Pier 39](#) to see the sea lions basking in the sun.
- EVENING**
End the day with a sunset sail on the bay, sipping on cocktails and enjoying the stunning views of the city skyline and the [Golden Gate Bridge](#).

Day 2

Google where to go in san francisco 

About 1,050,000,000 results (1.15 seconds)

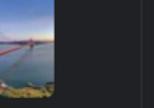
Top sights in San Francisco

 Golden Gate Bridge 4.8 ★ (66,419) Bridge	 Alcatraz Island 4.7 ★ (34,854) Historical place \$45.25	 Golden Gate Park 4.7 ★ (41,978) Park Free
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[More things to do](#)

 U.S. News & World Report
[https://travel.usnews.com/Travel Guides/USA](#)

34 Best Things To Do in San Francisco

Mar 17, 2023 – 34 Best Things To Do in San Francisco · #1. View all Photos. Golden Gate Bridge. Golden Gate Bridge · #2. View all Photos. Golden Gate Park · #3. 

San Francisco
City in California
San Francisco, officially the City and County of San Francisco, is a commercial, financial, and cultural center of Northern California.
[Wikipedia](#)
Age: 246 years
Founded: June 29, 1776
Population: 815,201 (2021)
Unemployment rate: 2.3% (Nov 2022)
Mayor: London Breed
Weather: 59°F (15°C), Wind W at 19 mph (31 km/h), 78% Humidity
[More on weather.com](#)

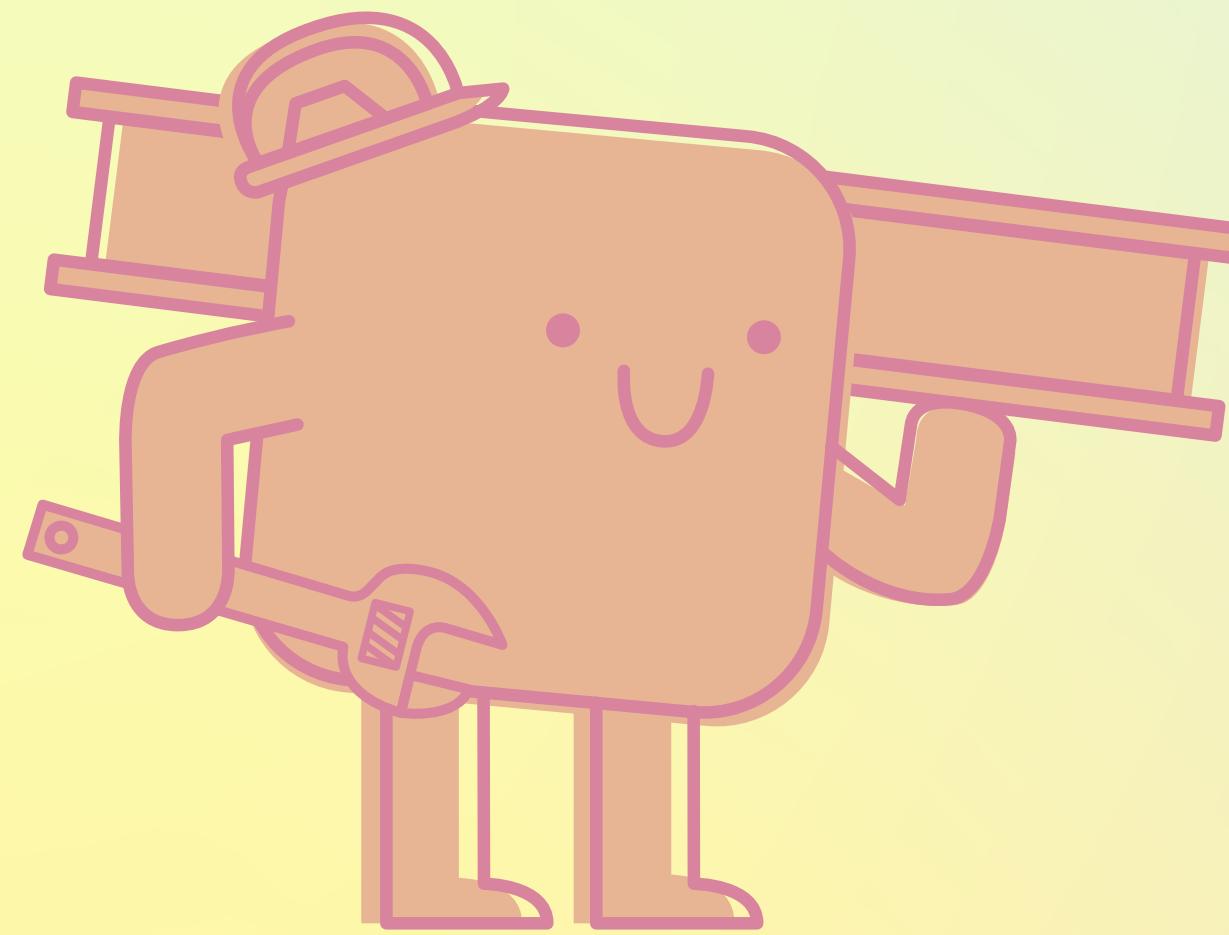
UI/UX Principles

Usability, findability and accessibility?

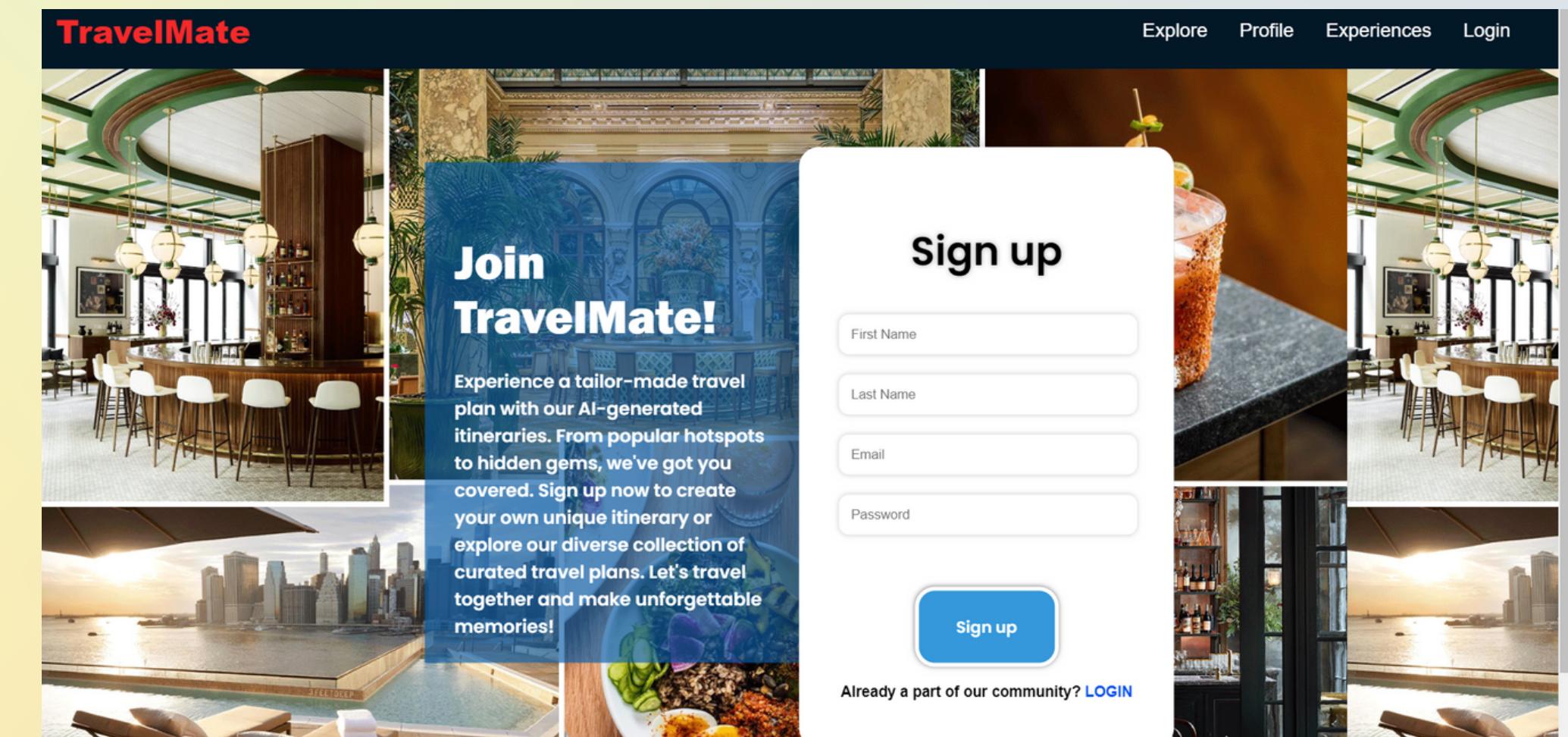
Main Focus - BUILD A USER INTERFACE THAT IS SIMPLE BUT GOOD TO LOOK AT.

USABILITY - BIG AND SIMPLE FONTS, CONTRASTING COLORS TO GUIDE USERS.

FINDABILITY - VIBRANTLY COLOURED BUTTONS , DETAILED NAVBAR AT THE TOP THAT CAN ACCESS EVERY PAGE OF THE WEBSITE



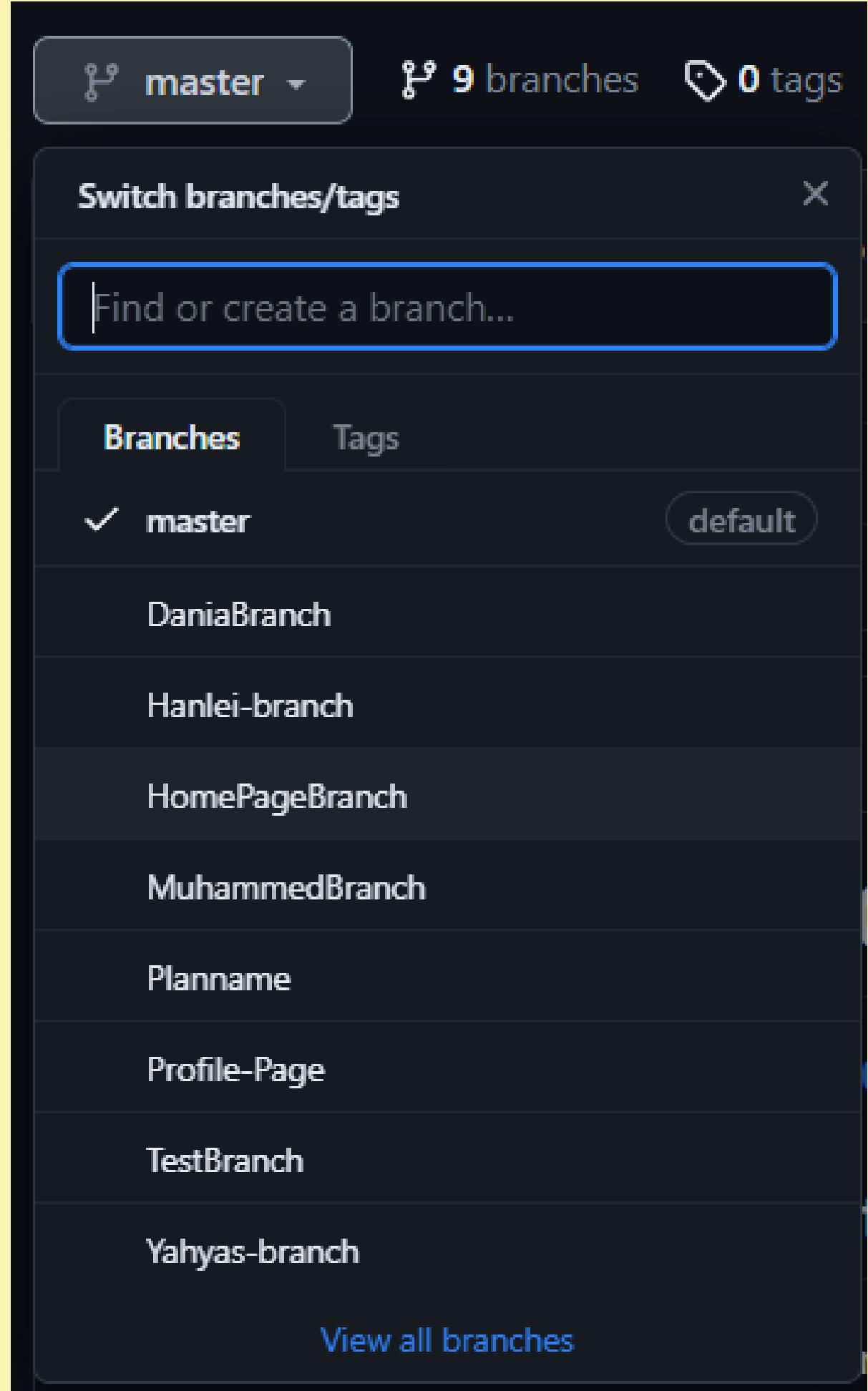
Sign UP Page



The image shows the sign-up page for TravelMate. At the top, there's a navigation bar with links for Explore, Profile, Experiences, and Login. Below the navigation is a large, central promotional image featuring a bar interior, a sunset over a city skyline, and a close-up of a dish. Overlaid on this image is the text "Join TravelMate!" and a descriptive paragraph about the service's AI-generated travel plans. To the right of the main image is a white sign-up form with fields for First Name, Last Name, Email, and Password, each with a corresponding input box. A blue "Sign up" button is located below these fields. At the bottom of the form, there's a link for users who are already part of the community: "Already a part of our community? [LOGIN](#)".

Development Practices

- Branch policy
 - Each contributor has a branch
 - Code organization
 - Isolation and independence
- Code review by team lead
 - Quality assurance
 - Coding standards & best practices



One branch for each feature

Protected
Master
Branch,
needs
review for
merging

Fixed Plan Names #12

[Open](#) yahyaobeid wants to merge 1 commit into `master` from `Planname` 

Conversation 0 Commits 1 Checks 0 Files changed 3

 **yahyaobeid** commented 3 days ago

No description provided.



 Fixed Plan Names

Add more commits by pushing to the `Planname` branch on [CSC-648-SFSU/csc648-01-csc648-04-team-05](#).

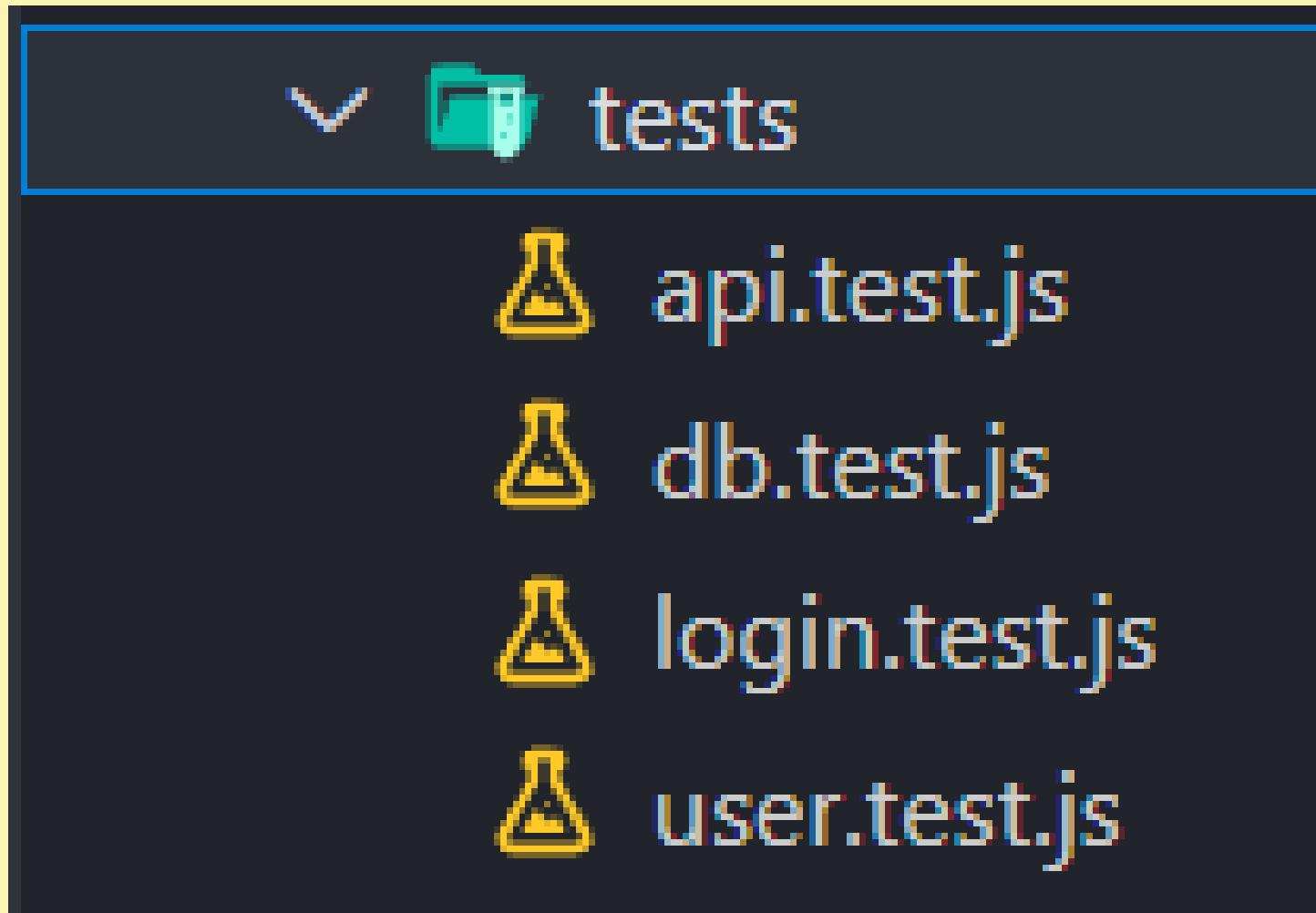
 **This branch has not been deployed**
No deployments

 **Review required**
At least 1 approving review is required by reviewers with write access. [Learn more](#).

 **This branch has conflicts that must be resolved**
Use the command line to resolve conflicts before continuing.
Conflicting files
application/backend/package-lock.json
application/frontend/package-lock.json

[Resolve conflicts](#)

Testing - Jest



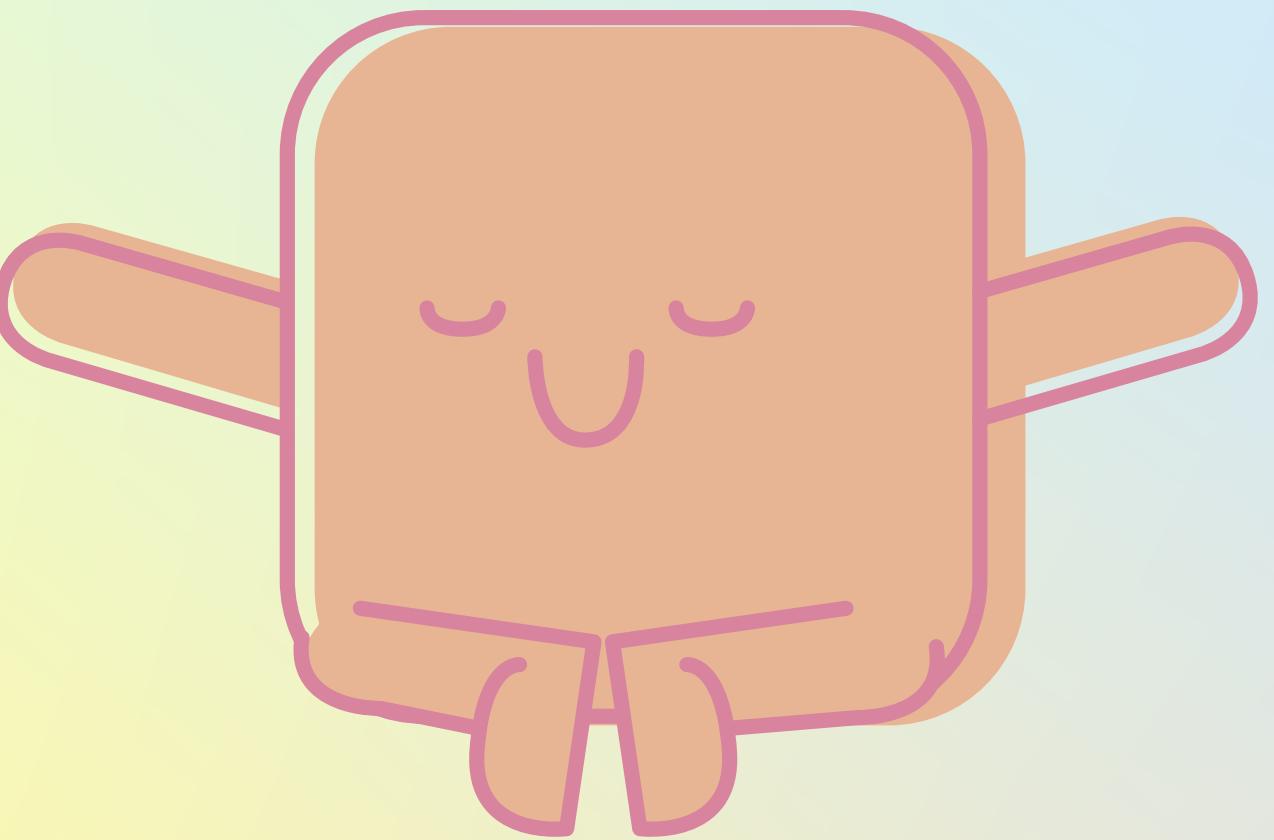
```
});  
  
test("should login a user and return 200 status", async () => {  
  const loginUser = {  
    email: "johndoe3@example.com",  
    password: "Password123!",  
  };  
  
  const res = await request(app).post("/api/auth").send(loginUser);  
  
  expect(res.status).toBe(200);  
  expect(res.body).toHaveProperty("data");  
  expect(res.body.message).toBe("logged in successfully");  
});  
  
test("should fail to login a user with incorrect password and return 401 status", async () => {  
  const loginUser = {  
    email: "johndoe3@example.com",  
    password: "WrongPassword123!", // Incorrect password  
  };  
  
  const res = await request(app).post("/api/auth").send(loginUser);  
  
  expect(res.status).toBe(401);  
  expect(res.body).toHaveProperty("message");  
  expect(res.body.message).toBe("Invalid Email or Password");  
});  
});
```

Teams

- Front-end team
 - React development
 - Styling pages according to the theme
- Back-end team
 - MongoDB models
 - Routes to use each model
 - GPT-AI integration

Team Building

- Weekly meetings online and in person
- Improve communication
- Foster collaboration
- Reduce misunderstandings
- Conflict resolution
- Familiarity



Thank you!



*Created By Farah Jamjoum, Dania
Dababo, Siddharth Sankar,
Muhammed Nafees, Yahya Obeid and
Hanlei Liu*