



# DestinEase

## Travel advisor App

Team: Visionary Techs  
CS-691-Capstone Project



# AGENDA

Our Team

Project Overview

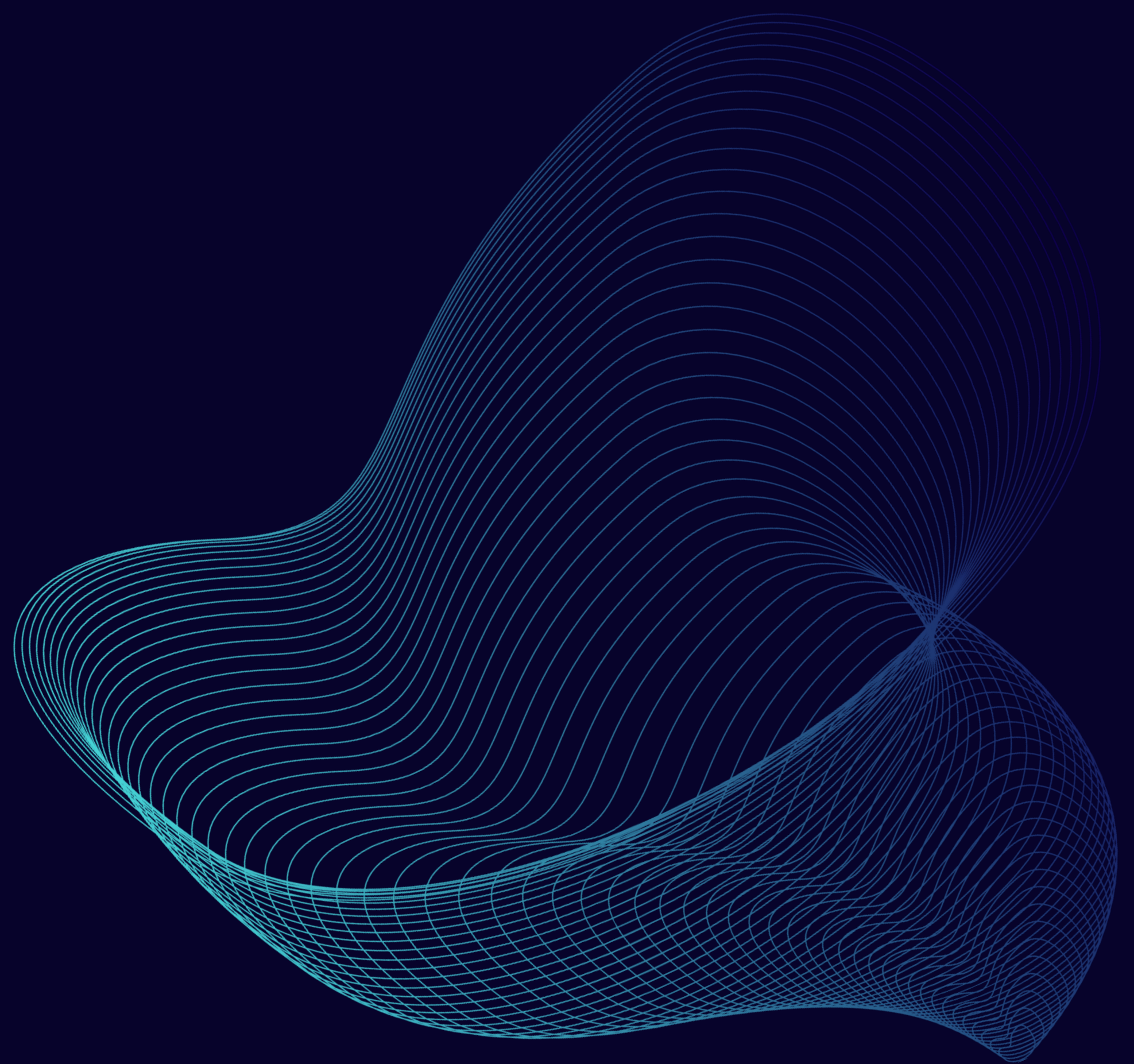
Project Description

Tools and Technologies

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Project Schedule

Team Working Agreement





# Roles and Responsibilities



**Ramanjul Reddy Kotlo**  
Project Manager & Developer



**Manish Chowdary Veeravalli**  
Developer and UI/UX Designer



**Satheesh Bollineni**  
UI/UX Developer



# Roles and Responsibilities



**Siva Naga Mahesh Kadem**  
Quality Assurance (QA) Tester



**Srija Vanka**  
Developer (Frontend)



**Sandhya Sri**  
Developer(Backend)



# Project Overview

In today's digital age, travellers face the challenge of efficiently finding personalized travel destinations that align with their unique preferences and constraints. Existing solutions often provide generic recommendations, require time-consuming manual research, and fail to consider multiple factors simultaneously. DestinEase addresses these issues by developing an AI-driven platform that offers highly personalized travel recommendations based on user-specific criteria such as budget, weather preferences, and food interests.



# Project Description

- DestinEase is an innovative travel recommendation platform that utilizes artificial intelligence to provide highly personalized destination suggestions. The system analyzes multiple user preferences simultaneously, including budget, weather preferences, and food interests, to deliver tailored travel recommendations.
- DestinEase significantly streamlines the travel planning process. It reduces the time and effort typically spent on manual research, allowing users to quickly discover ideal destinations that match their specific criteria.
- The platform incorporates real-time data on weather conditions and pricing, ensuring that recommendations are always up-to-date and accurate.



# Tools and Technologies

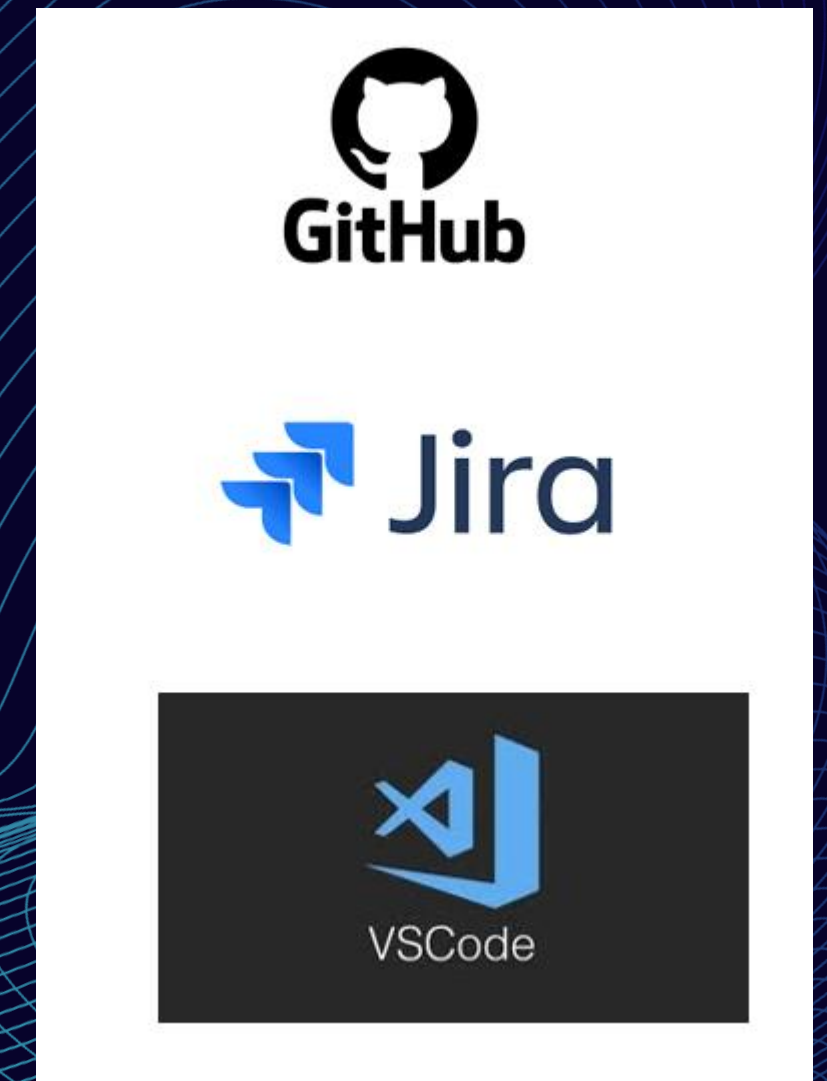
## Programming Languages and Frameworks



## Cloud and Database



## Other tools





# End-User Persona: The Practical Explorer



Maria Johnson

## About



Age: 35 years



Chicago, USA



Female



HR Manager



Tech Savviness: Intermediate

## Travel Habits:

- ❖ Travels twice a year for leisure, seeking well-rounded vacations that balance adventure and relaxation.
- ❖ Prefers well-planned trips with detailed itineraries, comfortable accommodations, and reliable transportation.
- ❖ Often travels with family and friends, making group travel deals and suggestions important.
- ❖ Uses apps for convenience and values personalized recommendations based on preferences and budget.

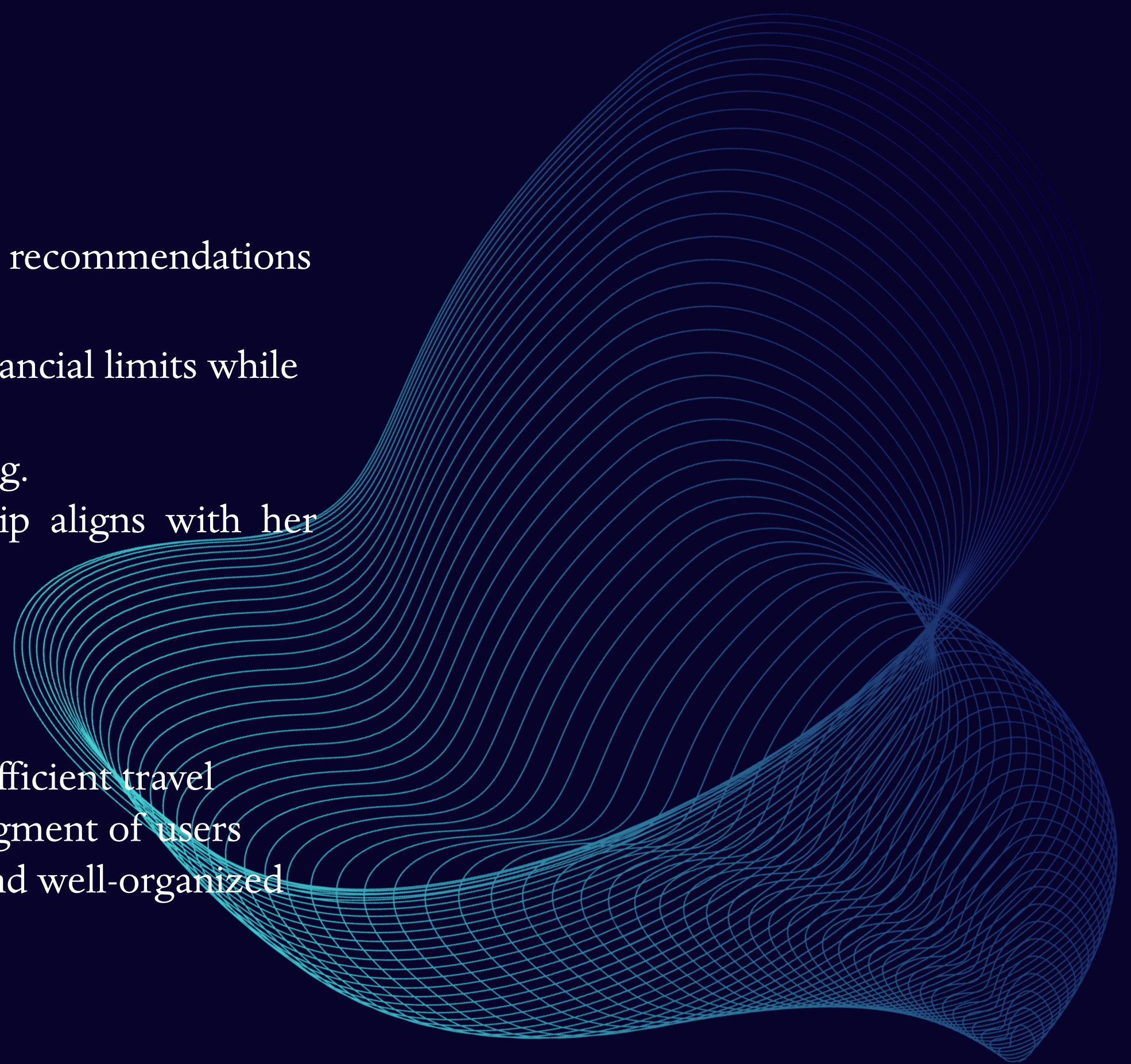


## What She Wants from the App:

- ❖ Simple, easy-to-use interface with personalized recommendations for destinations, weather, and activities.
- ❖ Budget tracking features to keep her within financial limits while planning a vacation.
- ❖ Family-friendly suggestions for travel and dining.
- ❖ Weather-based travel advice, ensuring the trip aligns with her preferred climate.

## Why She Matters:

- ❖ She's a practical, frequent traveler who needs efficient travel planning solutions. Her needs reflect a large segment of users who rely on personalized, budget conscious, and well-organized recommendations





# End-User Persona: The Travel Vlogger



Isabella Cruz

## About



Age: 29 Years



Barcelona, Spain



Female



Travel Vlogger & Social Media  
Influencer



Tech Savviness: Advanced

## Travel Habits:

- ❖ Travels frequently to exotic locations, documenting her experiences for her YouTube channel and Instagram followers.
- ❖ Seeks unique, off-the-beaten-path destinations to offer fresh content to her audience.
- ❖ Often collaborates with brands for sponsored trips, so she looks for destinations that are trendy and Instagrammable.
- ❖ Needs accurate weather information and affordable flights for planning content around seasonal events and festivals.

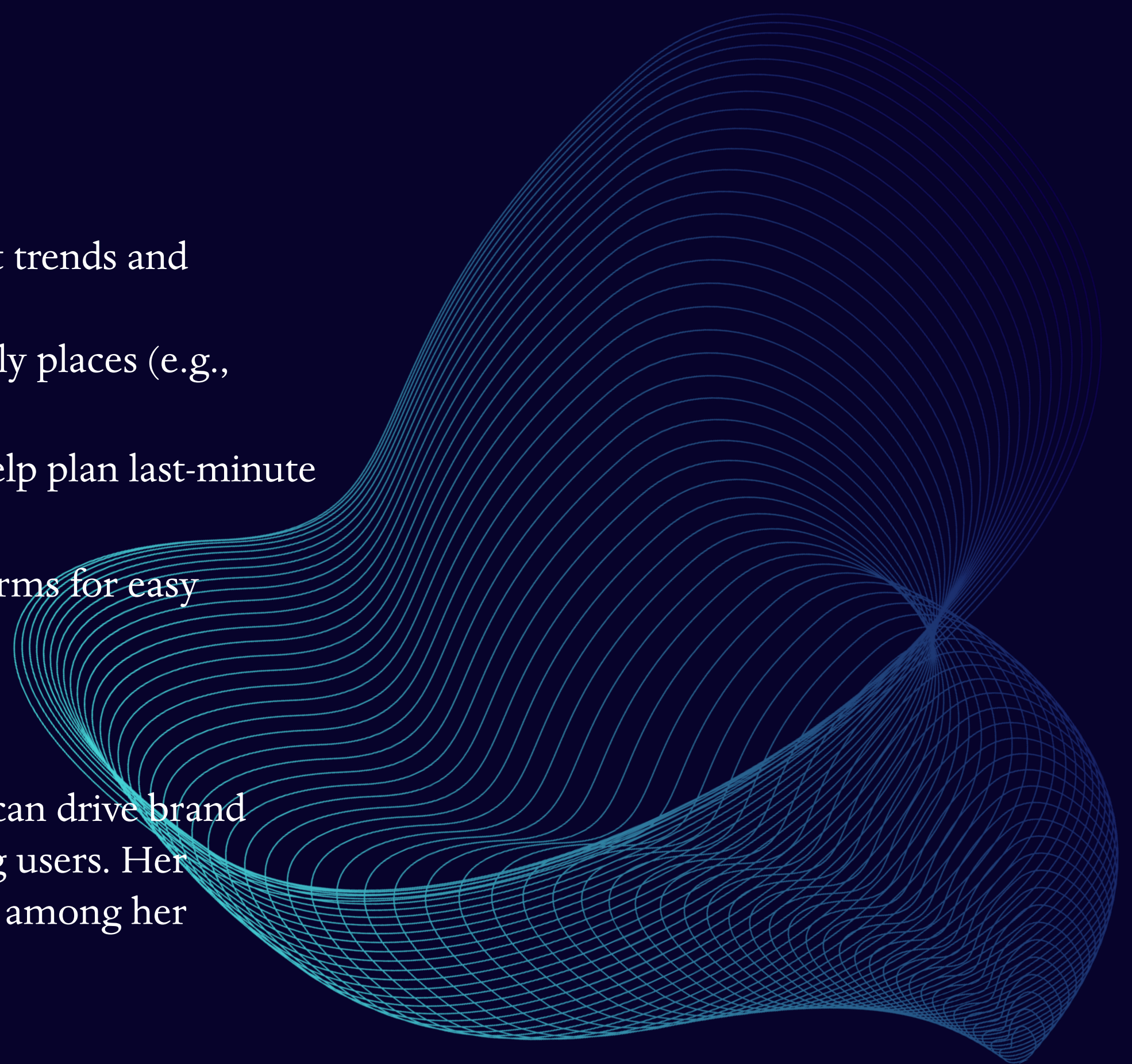


## What She Wants from the App:

- ❖ Destination recommendations based on current trends and popular social media hashtags.
- ❖ Suggestions for visually appealing, photo-friendly places (e.g., natural landscapes, cultural landmarks).
- ❖ Real-time flight and accommodation deals to help plan last-minute trips.
- ❖ Ability to integrate with her social media platforms for easy sharing of reviews and recommendations.

## Why She Matters:

- ❖ As a social media influencer, her use of the app can drive brand visibility, with her audience potentially becoming users. Her recommendations could help shape travel trends among her followers.





# End-User Persona: The Impulse Traveler



Steve Miller

## About



Age: 41 Years



Dallas, USA



Male



Real Estate Broker



Tech Savviness: Beginner

## Travel Habits:

- ❖ Travels impulsively, usually deciding at the last minute without much planning.
- ❖ Prefers to book travel through a travel agent or simple online tools without much concern for research or reviews.
- ❖ Often makes spontaneous weekend trips without needing detailed itineraries or recommendations.
- ❖ Doesn't care much about flight prices, weather conditions, or specific local food options.



### **What He Wants from the App:**

Simple, easy-to-use interface with personalised recommendations for destinations, weather, and activities.

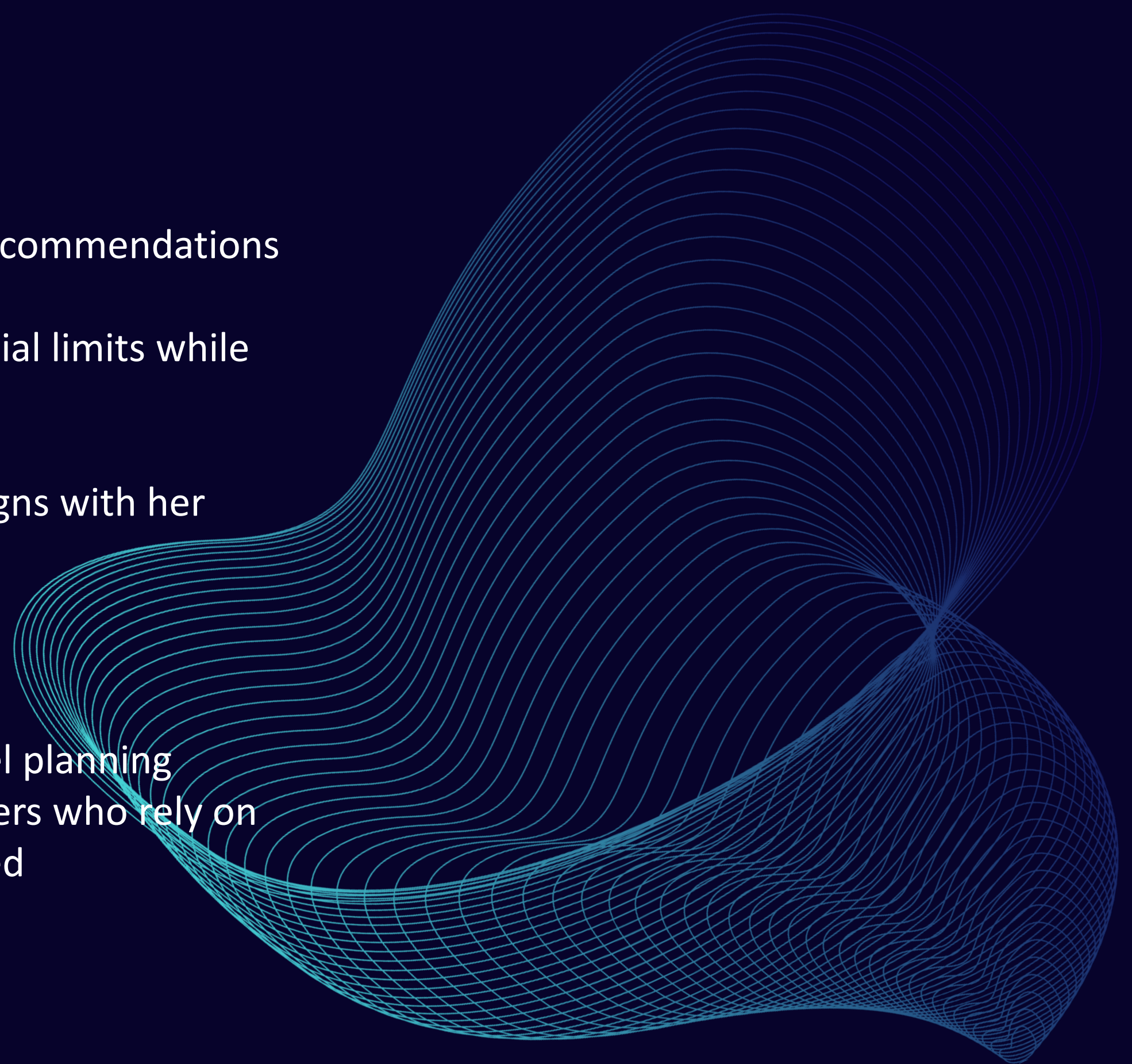
Budget tracking features to keep her within financial limits while planning a vacation.

Family-friendly suggestions for travel and dining.

Weather-based travel advice, ensuring the trip aligns with her preferred climate.

### **Why He Matters:**

He is a frequent traveler who needs efficient travel planning solutions. Her needs reflect a large segment of users who rely on personalized, budget conscious, and well-organized recommendations





# End-User Persona: The Digital Nomad



**Liam O'Connor**

## About



Age: 33 Years



Dublin, Ireland



Male



Freelance Web Developer



Tech Savviness: Advanced

## Travel Habits:

- ❖ Travels frequently while working remotely, staying in destinations for 2-3 months at a time.
- ❖ Values locations with reliable internet connectivity, affordable accommodations, and coworking spaces.
- ❖ Prefers to immerse himself in local culture, exploring offbeat locations, food, and activities during his downtime.
- ❖ Looks for flexible flight options and long-term accommodation deals.

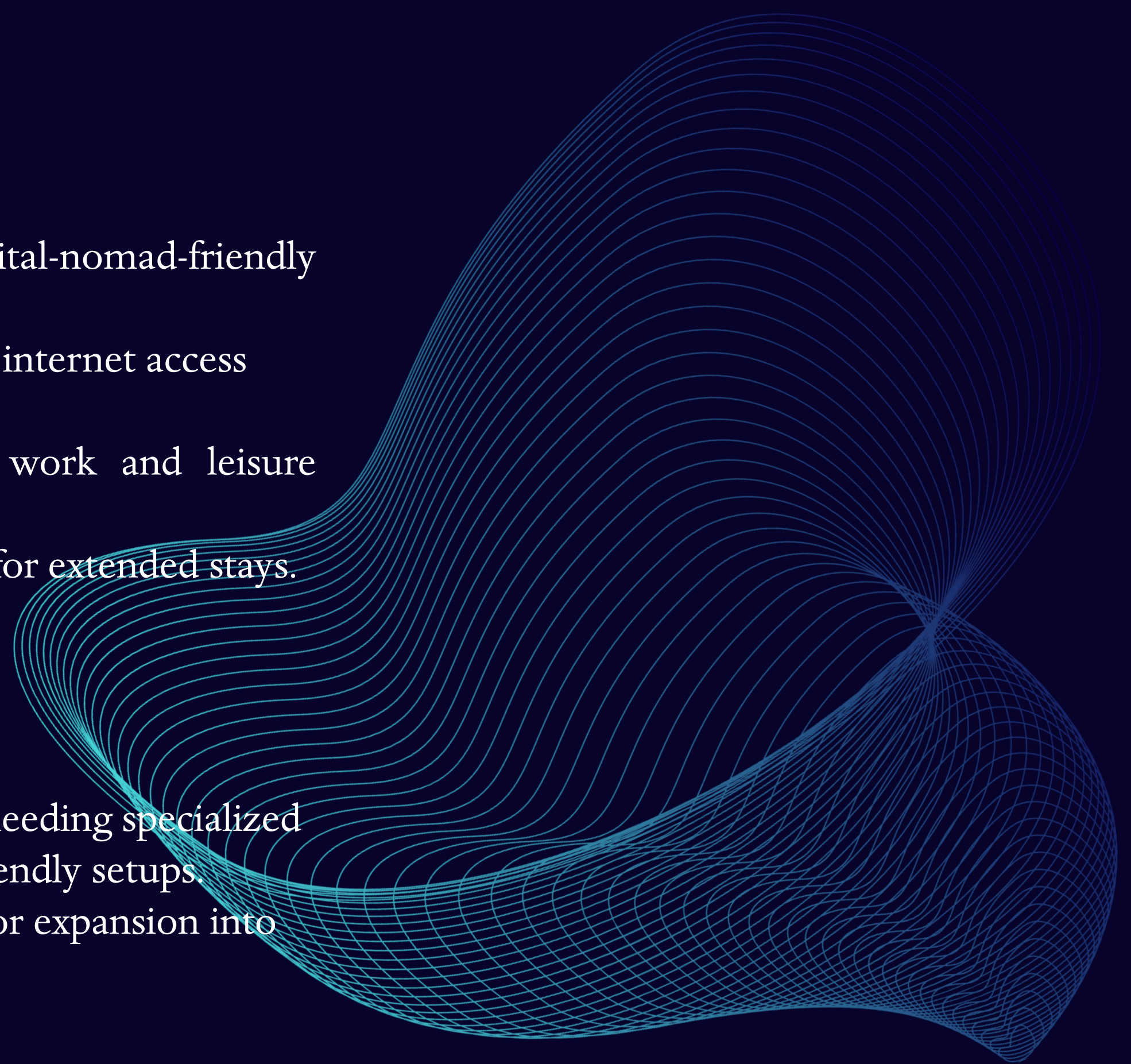


## What He Wants from the App:

- ❖ Flexible, long-term stay suggestions in digital-nomad-friendly locations.
- ❖ Destination recommendations based on reliable internet access and remote work setups.
- ❖ Weather forecasts and local events to plan work and leisure activities.
- ❖ Affordable flight and accommodation packages for extended stays.

## Why He Matters:

- ❖ Digital nomads represent a growing user base, needing specialized travel planning for long-term stays with work-friendly setups. Catering to their needs opens up opportunities for expansion into the remote work travel market.





# Project Schedule

pace-team-cs691.atlassian.net/jira/software/projects/SCRUM/boards/1/backlog

Jira Your work ▾ Projects ▾ Filters ▾ Dashboards ▾ Teams ▾ Plans ▾ Apps ▾ Create Upgrade Search ? Error

DestinEase Software project

Projects / DestinEase Backlog

Search RK +6 Epic ▾ Import work Insights View settings

PLANNING Timeline Backlog Board Goals Add view

DEVELOPMENT Code Project pages Project settings

▼ Sprint 0 4 Sep – 24 Sep (9 issues) The Idea should be decided and team must be formed

SCRUM-1 Define Project id

SCRUM-2 Define Team Roles

SCRUM-3 Wiki page creation

SCRUM-4 Upload images and documents

SCRUM-5 create PDF and Presentation

SCRUM-6 Create accounts in Jira Board

SCRUM-7 Getting GitHub Repository and Access

SCRUM-8 First Team meeting

SCRUM-9 Sprint Zero Deliverable

+ Create issue

Manish Chowdary Veeravalli

Srija vanka

sandhyasri kandimalla

Satheesh Bollineni

SIVA NAGA MAHESH KADEM

Unassigned

0 0 0 Start sprint

IN PROGRESS ▾	0 RK
IN PROGRESS ▾	- SV
IN PROGRESS ▾	- MV
TO DO ▾	- MV
TO DO ▾	- SK
TO DO ▾	- RK
TO DO ▾	- SB
TO DO ▾	-
TO DO ▾	- SK



# Project Schedule

The screenshot displays a Jira project board for the project 'DestinEase'. The board is organized into three columns: 'TO DO 3', 'IN PROGRESS 5', and 'DONE 1'. Each column contains a list of tasks with their respective assignees and IDs. The 'TO DO' column has three tasks: 'Create accounts in Jira Board' (SCRUM-6, assigned to RK), 'First Team meeting' (SCRUM-8, assigned to an unnamed user), and 'Sprint Zero Deliverable' (SCRUM-9, assigned to SK). The 'IN PROGRESS' column has five tasks: 'Define Project idea and Project Description' (SCRUM-1, assigned to RK), 'Define Team Roles' (SCRUM-2, assigned to SV), 'Wiki page creation' (SCRUM-3, assigned to MV), 'Upload images and email to GitHub' (SCRUM-4, assigned to MV), and 'create PDF and Presentation' (assigned to an unnamed user). The 'DONE' column has one task: 'Getting GitHub Repository and Access' (SCRUM-7, assigned to SB). The board also features a search bar, a 'Complete sprint' button, and various navigation options like 'Your work', 'Projects', 'Filters', 'Dashboards', 'Teams', 'Plans', 'Apps', and 'Create'. The URL in the browser is 'pace-team-cs691.atlassian.net/jira/software/projects/SCRUM/boards/1'.

pace-team-cs691.atlassian.net/jira/software/projects/SCRUM/boards/1

Your work ▾ Projects ▾ Filters ▾ Dashboards ▾ Teams ▾ Plans ▾ Apps ▾ Create Upgrade Search

Projects / DestinEase

**Sprint 0**

The Idea should be decided and team must be formed and defined their roles. Sprint 0 Deliverable

Search

RK MV SV SK SB SK

GROUP BY None ▾ Import work Insights View settings

**TO DO 3**

- Create accounts in Jira Board  
SCRUM-6 RK
- First Team meeting  
SCRUM-8
- Sprint Zero Deliverable  
SCRUM-9 SK

+ Create issue

**IN PROGRESS 5**

- Define Project idea and Project Description  
SCRUM-1 RK
- Define Team Roles  
SCRUM-2 SV
- Wiki page creation  
SCRUM-3 MV
- Upload images and email to GitHub  
SCRUM-4 MV
- create PDF and Presentation

**DONE 1** ✓

- Getting GitHub Repository and Access  
SCRUM-7 SB

Complete sprint



# Team Working Agreement

## TEAM WORKING AGREEMENT

**Team Name:** Visionary Techs

**Team members:**

1. Siva Naga Mahesh Kadem
2. Manish Chowdary Veeravalli
3. Srija Vanka
4. Sandhya Sri
5. Sateesh Bollineni
6. Ramanjul Reddy Kotlo

**Roles and Responsibilities:**

1. Ramanjul Reddy Kotlo – Project Manager & Developer
2. Manish Chowdary – Developer and UI/UX Designer
3. Srija Venka – Developer (Frontend)
4. Sandhya Sri – Developer (Bankend)
5. Sateesh Bollineni – Developer (ML Engineer)
6. Siva Naga Mahesh Kadem - Quality Assurance (QA) Tester

## Terms of Agreement

### Meetings and Communication

The team will collaborate with each other through various methods. For weekly meetings for meaningful team discussions, Zoom meetings will be used.

For Quick Comments, quick discussion, and emergencies are to be communicated through a WhatsApp app.

To share the sprint deliverables, resources sharing, and take notes, Google Docs will be used where all the team members can edit the document and also, we can use GitHub wiki page along with Google Docs for sharing recordings of weekly team meetings, Microsoft Word documents, and PowerPoints and others.

### Work Distribution

All team members commit to sharing the workload equitably, ensuring that responsibilities are evenly distributed. In the event that any member feels overwhelmed, the team will promptly reassess and redistribute tasks to maintain balance and support each other's success.

### Resolution Process

In the event of any disagreements regarding tasks or responsibilities, we will openly discuss the issue as a team and resolve it through a mutual agreement, ensuring that all opinions are considered and valid.

### Timelines

We will establish clear and realistic timelines for each task to ensure steady progress throughout the project. All team members are expected to take ownership of their assigned tasks and commit to meeting these timelines, our collective commitment is to submit all deliverables on or before the agreed-upon timelines, ensuring that each member actively contributes their share. This collaboration fosters accountability and guarantees that the final outcome reflects the efforts and dedication of the entire team.



# Wiki page link

<https://github.com/htmhw/2024F-Visionary-Techs/wiki>