MID-EVALUATION

F23-053
D-FAMILYVISTA

PRESENTED TO
FYP Panel

PRESENTED BY
Salman Iqbal
Ahmad Nasim
Arbaz Ashfaq

Supervisor
Dr.Asif Muhammad Malik

20-10-2023

Introduction

FamilyVISTA is a project that aims to redefine how families connect, share memories, and preserve their legacies. This innovative web application enables users to build intricate family trees, where each member enjoys a unique customizable profile with comprehensive privacy controls. Familyvista goes beyond the conventional family tree builder by incorporating a plethora of distinctive features and functionalities.
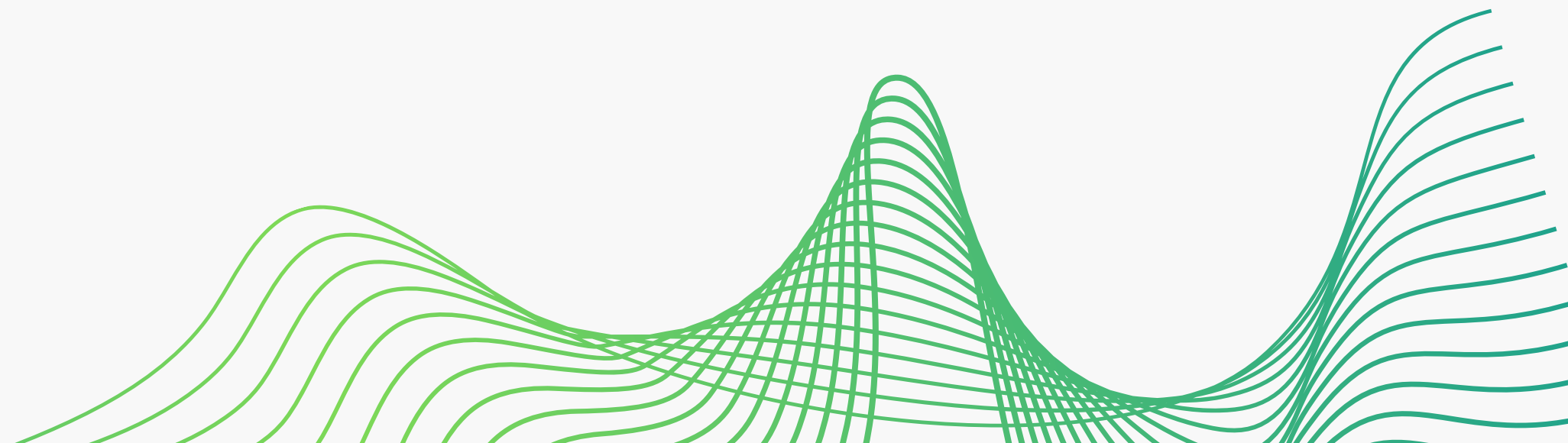
Problem Statement

In today's fast-paced digital age, families often struggle to maintain strong connections, share memories, and preserve traditions across generations. There's a lack of a comprehensive platform that simplifies the creation of family trees, fosters real-time interactions, and respects privacy.

Our project, **FamilyVISTA** aims to solve this by offering a user-friendly web & mobile application. It facilitates collaborative family tree building, memory sharing, and real-time communication, ensuring that families remain close-knit, memories endure, and traditions thrive.
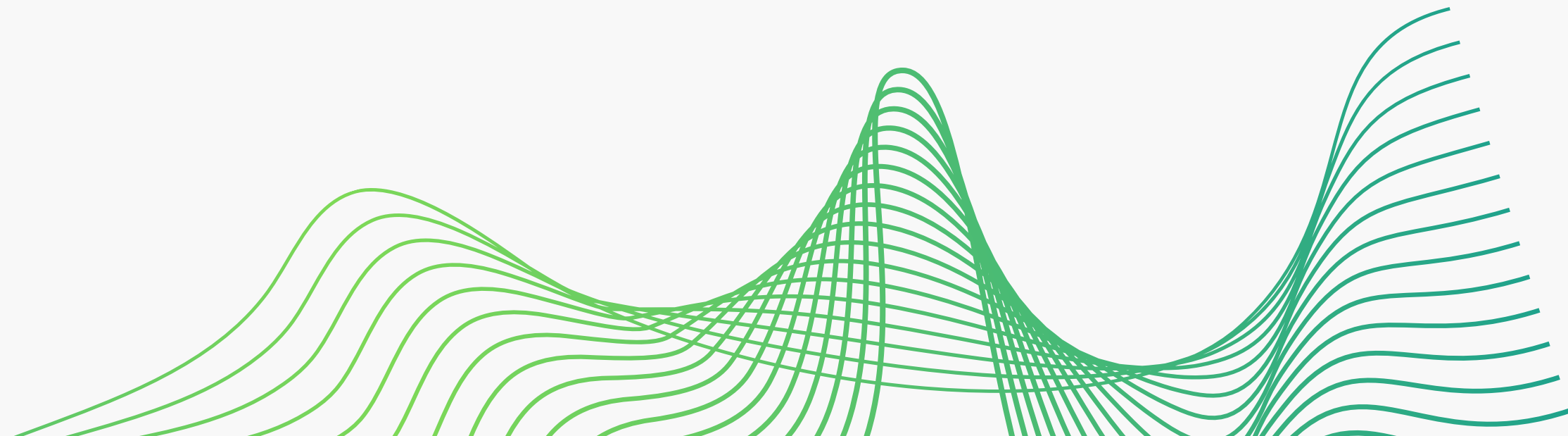
Motivation

FamilyVISTA is motivated by the following key factors:

1. Preserving Memories

2. Strengthening Bonds

3. Celebrating Traditions

4. Fostering Communication
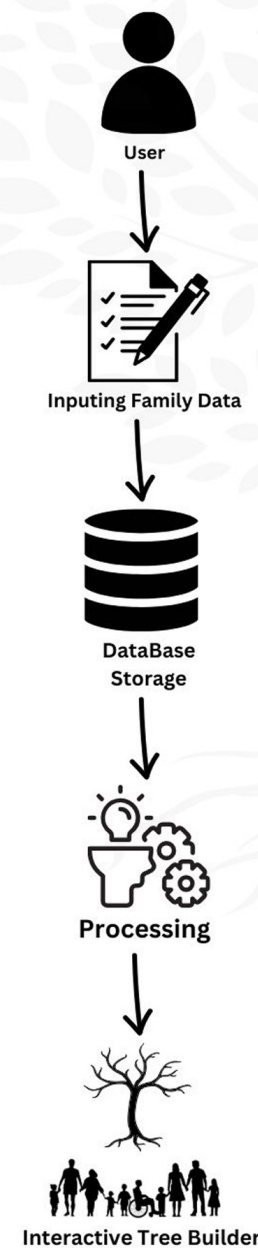
5. Prioritizing Privacy

Poster

FamilyVISTA

Objective

"To develop an immersive virtual reality platform connecting individuals with their ancestral heritage and facilitating meaningful interactions among current family members."

Architecture

User

Inputing Family Data

DataBase Storage

Processing

Interactive Tree Builder

Timeline

PHASE 01
- Project Planning And Designing
- User Interface
- Documentation

PHASE 02
- Web App Back End Development
- Web App Remaining Features
- Interactive Tree Builder

PHASE 03
- Mobile App Features
- Geo Graphic Mapping
- Web App Remaining Features

PHASE 04
- Review
- Integration of all modules
- Testing and Improvement

Tools & Technologies

React   python

mongoDB   node JS

Supervised By

DR.ASIF MUHAMMAD MALIK

Co-Supervised By

SAMI ULLAH SHAH

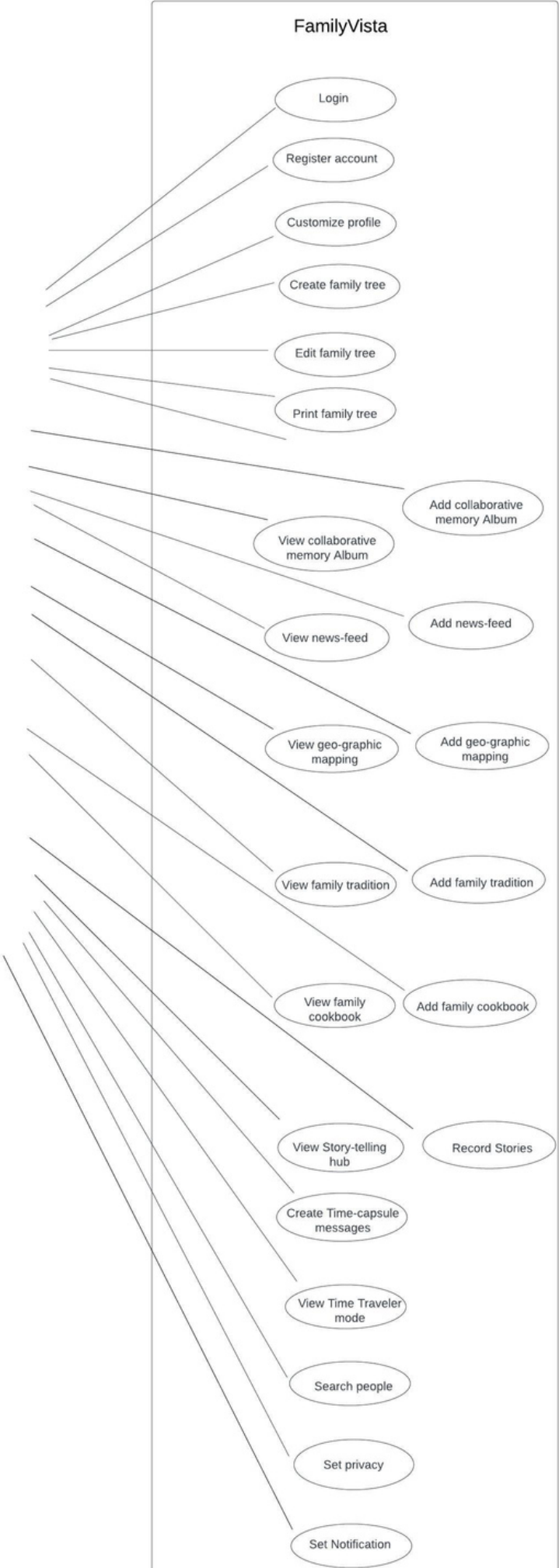**Group Members**

AHMADNASIM i180465

MUHAMMAD SALMAN IQBAL i180607

MUHAMMAD ARBAZ ISHFAQ i200521

Use Case Diagram

FamilyVista

- Login
- Register account
- Customize profile
- Create family tree
- Edit family tree
- Print family tree
- Add collaborative memory Album
- View collaborative memory Album
- Add news-feed
- View news-feed
- View geo-graphic mapping
- Add geo-graphic mapping
- View family tradition
- Add family tradition
- View family cookbook
- Add family cookbook
- View Story-telling hub
- Record Stories
- Create Time-capsule messages
- View Time Traveler mode
- Search people
- Set privacy
- Set Notification

User

High Level Features

1. Family Tree Management

2. Communication and Interaction

3. Search and Discovery

4. Memory Sharing and Preservation

Proposed Timeline

Sep-Oct

- Project planning & Designing
- User Interface
- Documentation

Nov-Dec

- Web app back-end development
- Web app remaining features
- Interactive Tree Builder

Feb-April

- Mobile app features
- Geographic Mapping

May-Jun

- Review
- Integration of all modules
- Testing & Improvement

Work BreakDown for 1st Iteration
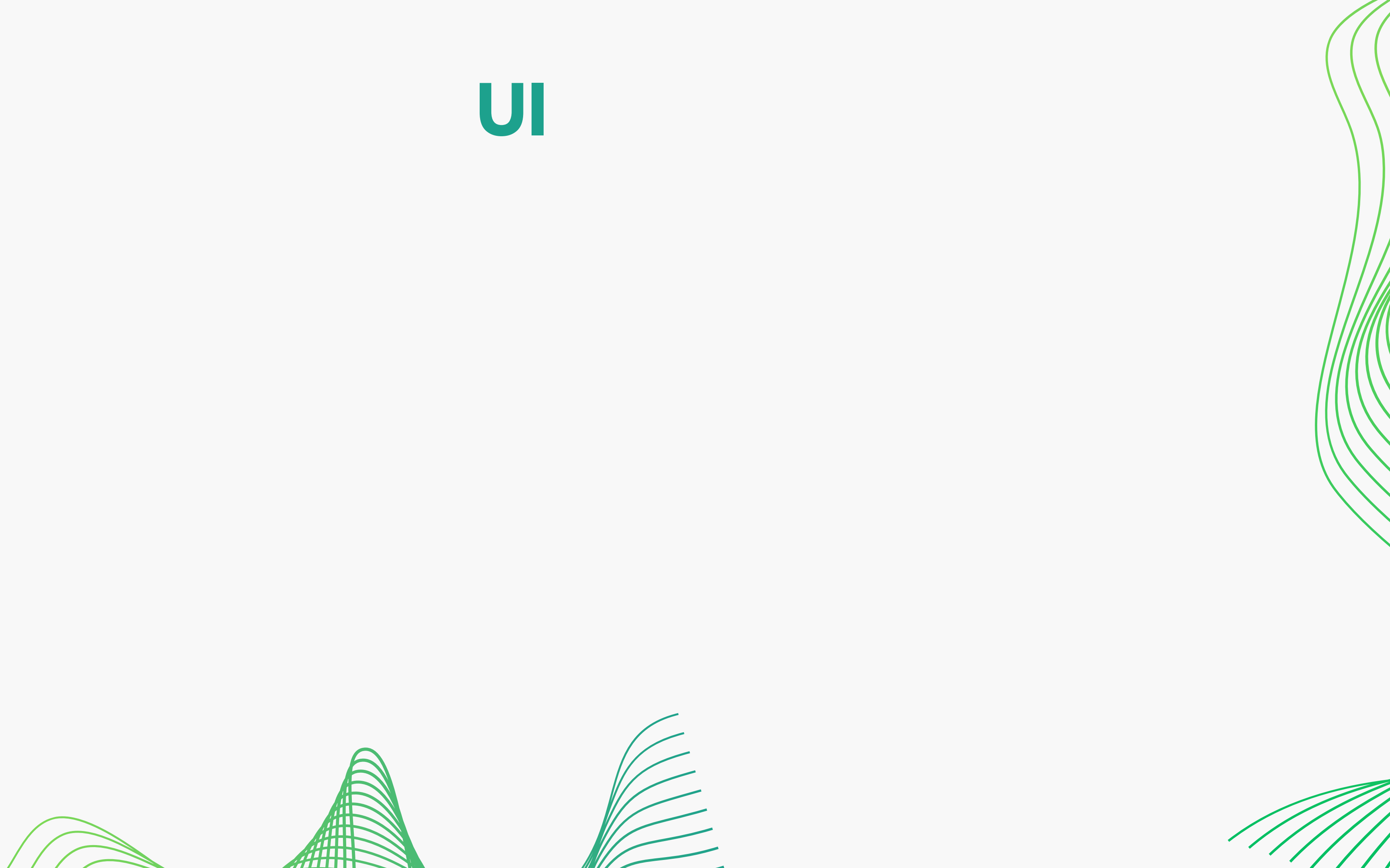
Arbaz Ishfaq

- FrontEnd
- Documentation

Ahmad Nasim

- Poster Designing
- Documentation

Salman Iqbal

- FrontEnd
- Documentation

UI

Thank You.