



CSU
Bakersfield
School of Natural
Sciences, Mathematics,
and Engineering



Charles Bonoan
Richard Guiles
Mariah Limon
Arvin Shertukde

Abstract

- ★ Mental health application with main goal of helping the user maintain a daily healthy mindset
- ★ Recommends articles, activities, and other forms of entertainment based on emotion

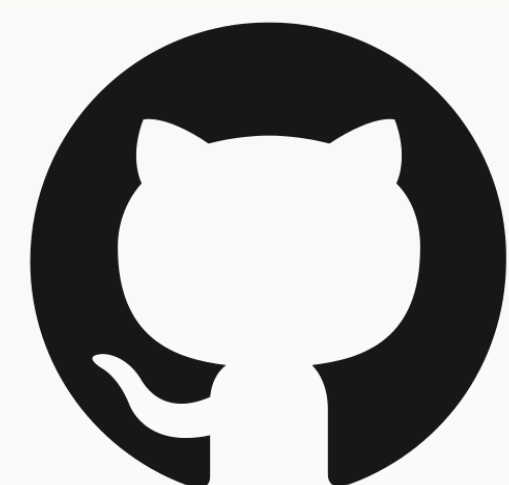
Features

- ★ Interactive quiz that determines current emotion of the user
- ★ Login functionality saved remotely through email in junction with personal user profiles
- ★ Visual calendar that saves previous days emotions for quick referencing

Resources

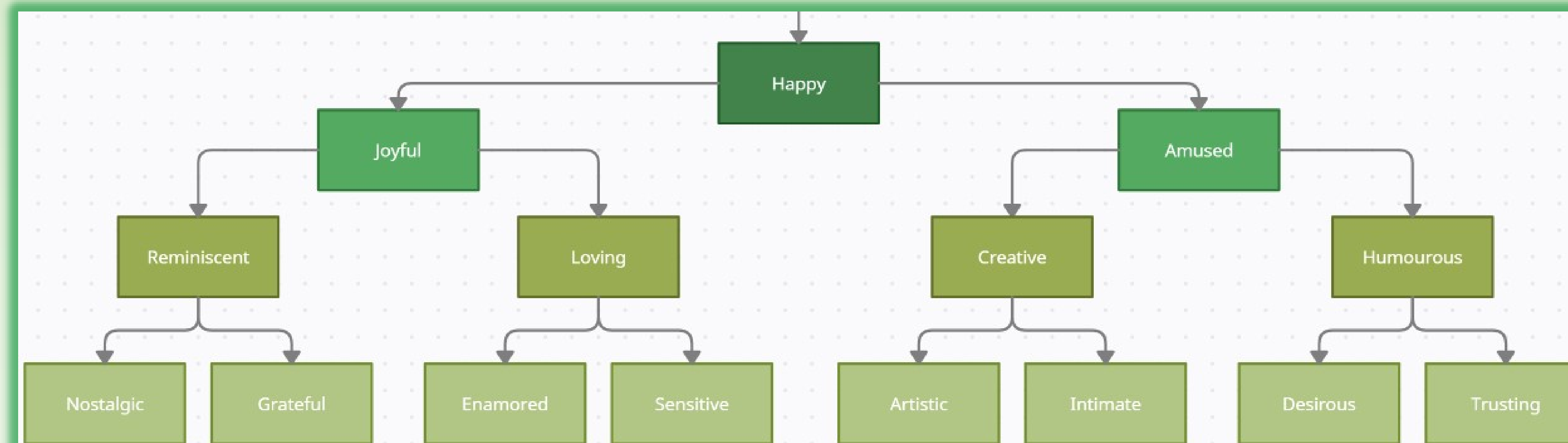


Flask

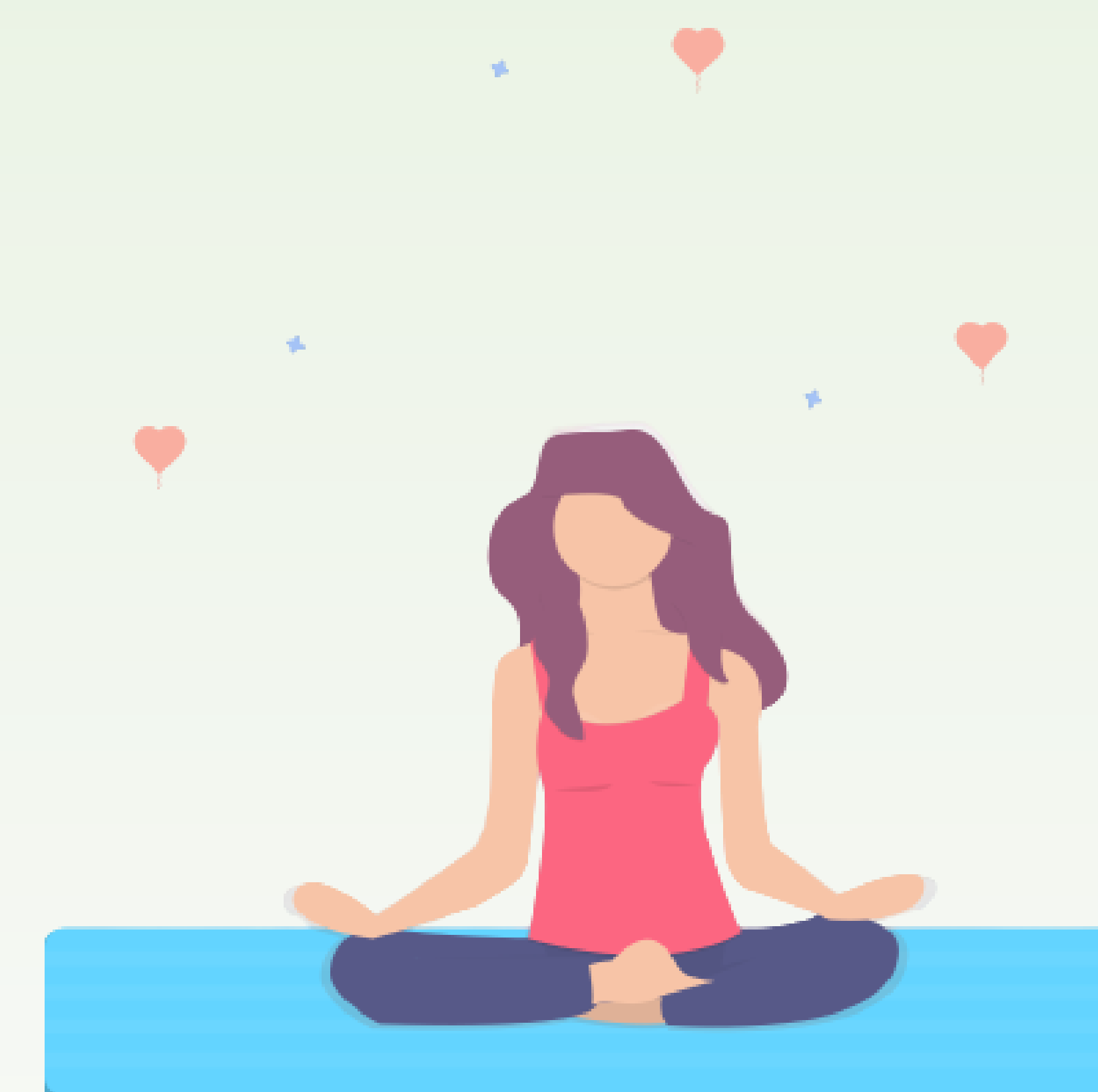
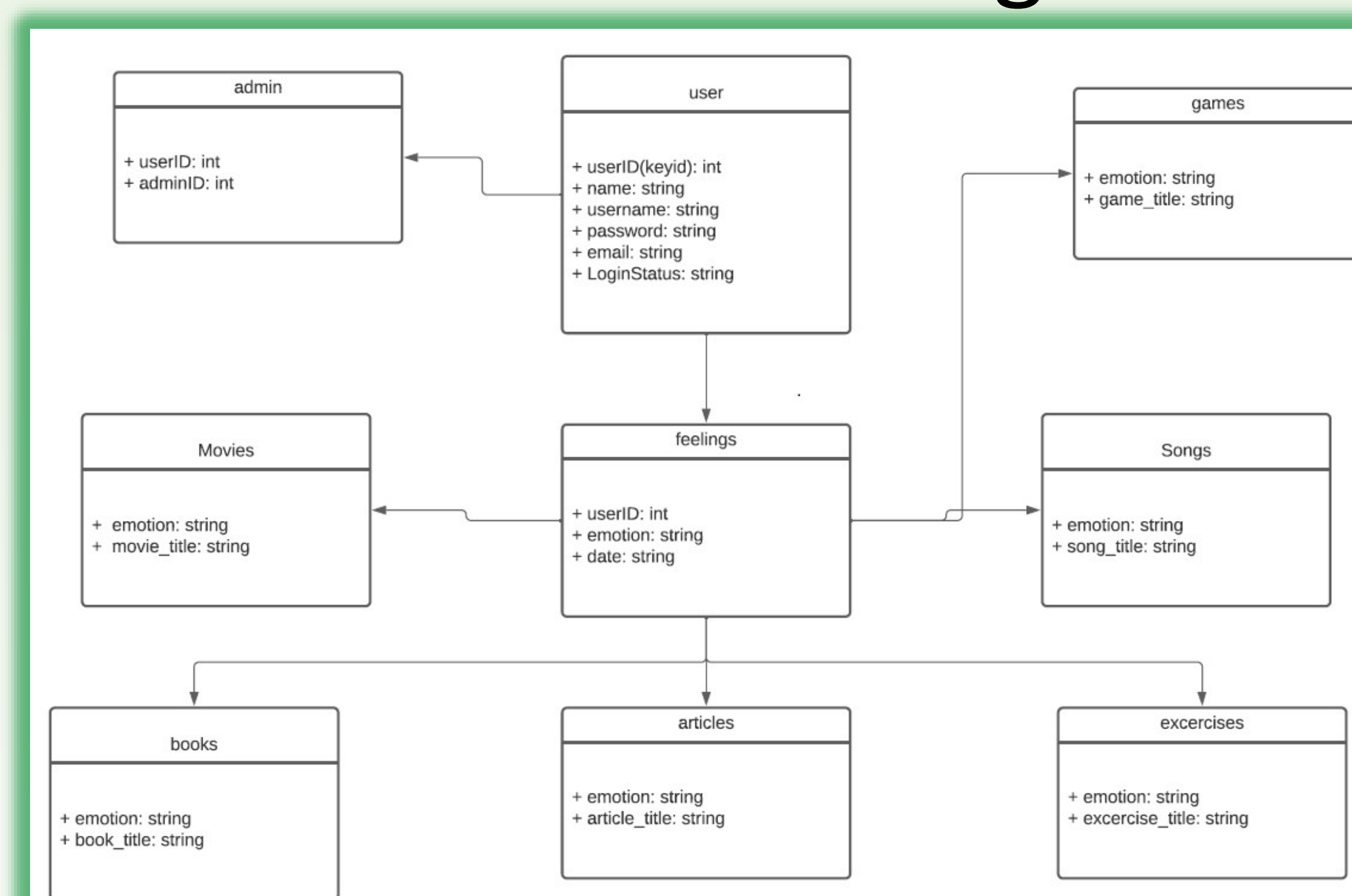


Implementation

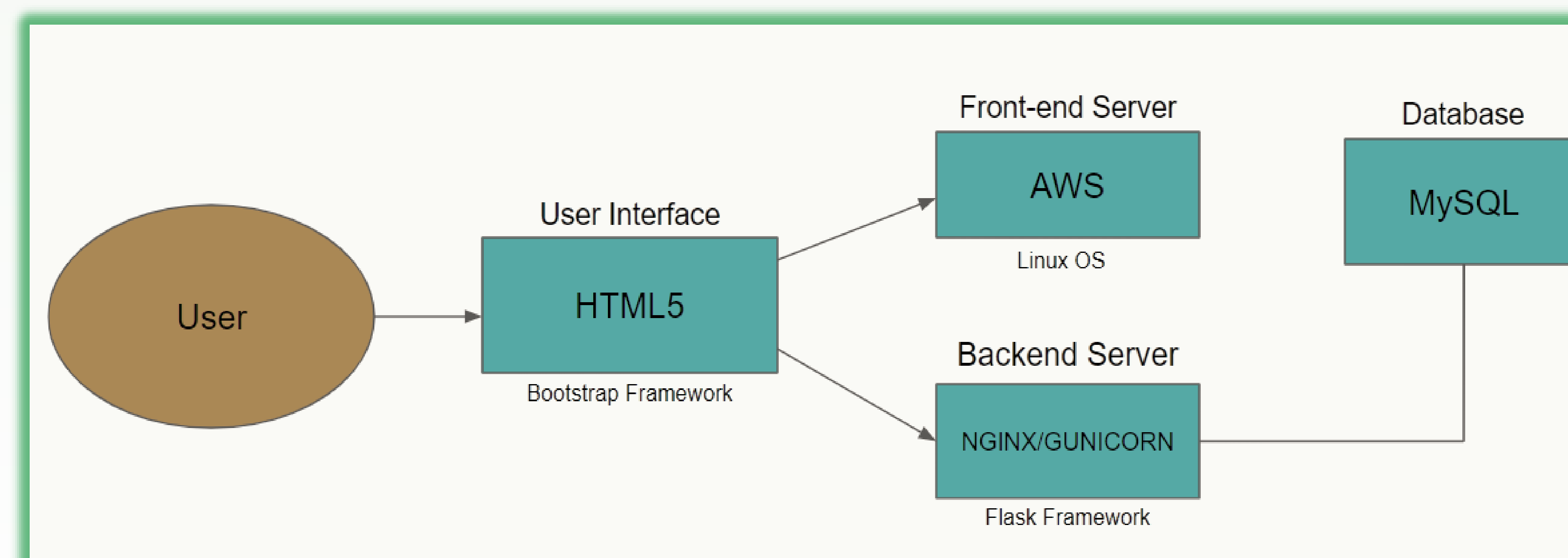
Positive Emotion Tree (Segment 1 of 9)



Database UML Diagram



System Architecture



Target Market

- ★ Everyone who was negatively affected by the covid pandemic
- ★ Those who are feeling either stressed or depressed and are reaching out for help
- ★ There's a possibility of a large user base given the current status of the world

Development Timeline

Scrum Methodology

- ★ **Sprint 1:** Foundation Creation
Conceptualization & Research
- ★ **Sprint 2:** Front End Design
Client Requests & Intuitive UI
- ★ **Sprint 3:** Back End Design
Algorithm & Database
- ★ **Sprint 4:** Expert System
Likert Quiz & Artificial Intelligence
- ★ **Sprint 5:** Error Reduction
Security & Quality Testing



Your mental health is an important aspect of your being, give it the care it deserves. Welcome to the Sanctuary for your Mind.