

# Project Charter

CS 407

## Meliora

Good today, Better tomorrow

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**Problem Statement:**

In the midst of a pandemic where people are navigating through constant challenges, mental health has become a major concern. People often find it hard to react appropriately when in an ethical situation or act professionally when in a distressing circumstance. Meliora is a web application that helps users share their thoughts and experiences, and promote positivity and good values. Although there are emotional healing apps in the market like vent, our app is unique in its ability to connect individuals with their community and inspire them to overcome obstacles.

**Project Objectives:**

1. A web application that promotes an outlet for positive feelings and solutions.
2. Allow users to share their experiences via public or anonymous posts in which other users can share their reactions.
3. Allow users to explore different subject matter within the app based on different situations where they can view top posts from a selected region.
4. Allow users to connect with other users via their user profiles to talk more privately on their shared experiences.
5. Minimize any negative feedback given to people in need of help.
6. Connect users with support services based on the severity of aid needed.

**Stakeholders:**

Users: Any individual looking to improve their emotional wellbeing, inspire others, and enhance their moral conscience.

Developers: Dithi Saxena, Abhishek Gunasekar, Vidit Shah, Xavier Madera, Garrett Lee

Project Manager: The project coordinator (GTA) working with us this semester.

Project Owners: Dithi Saxena, Abhishek Gunasekar, Vidit Shah, Xavier Madera, Garrett Lee

**Project Deliverables:**

- Create a web app using Angular as the main frontend framework and Bootstrap as the CSS framework to make our application user-friendly and responsive. Our application would enable users to share and respond to experiences and connect with others.
- Have a robust back-end developed using Node.js linked to a MongoDB database.
- Startup landing page that describes the product's intended purpose to attract potential users.
- Sign up/login page that lets users sign in and view content tailored to their needs.
- Develop a comprehensive posts page that displays the posts relevant to a given user's obstacle.
- A switch to anonymize any post and change the visibility of prior posts submitted by the user.
- Allow users to share inspiring posts to the world via social media apps.

## CS 30700 Projects:

- Xavier Madera: Bussin is a socialized event planning app for iOS and Android where users can connect with their friends, organizations, or clubs and participate in efficient event planning where other users can view planned events on a map and mark their attendance. (Note: Project code is not accessible publicly).
- Abhishek Gunasekar & Dithi Saxena (Team Partners from 307): WerkIt is a cross-platform (iOS and web) application that makes working out from anywhere easier. This application provides an easy way to track and create workout plans and communicate one's progress with friends. This application is unique in its adaptability and ability to customize workouts and statistical graphs tailored to user input. (GitHub Link for both: <https://github.com/saxena52/werkIt>).
- Vidit Shah: Postea is a social media android application that aims at connecting people throughout the world. It includes features similar to Facebook, Twitter, and Reddit. Users can perform various tasks such as making a post, creating topics, and viewing trending posts (GitHub Link: <https://github.com/imemyself2/PosTea>).
- Garrett Lee: EggB is a social media web application that combines features from Reddit, Twitter, and Instagram. Users can follow, block, direct message, and view user profiles, as well as post photos and text to topics, view topics, and follow topics. (Note: Project code is not accessible publicly).