**Progress Report**

**- Increment 2 -**

**Group #10**

*Please use this template to describe your progress on the group project in the latest increment. Please do not change the font, font size, margins or line spacing. All the text in italic should be removed from your final submission.*

# Team Members

Alex Gonzalez, Samuel Anderson, Joel Bustamante, Claudio Olmeda Florio, Juancarlos Alguera

1. **Project Title and Description**

Our project is a social media web application that centers on a map of the world. You make a post and it is placed on the map at the location you posted it from. People around the world can see and comment on your post and as it gets more likes, it expands, meaning it takes up a bigger spot on the map.

1. **Accomplishments and overall project status during this increment**

So as it stands, our project has the ability to create an account, login, make posts, make comments, and like posts. Additionally, it is all displayed with a nice React app that is both responsive and stylish.

1. **Challenges, changes in the plan and scope of the project and things that went wrong during this increment**

We have faced very few challenges compared to the first iteration to be completely honest. Once we got overlaying information over a map figured out in increment 1, it was mostly smoothly sailing from there. We only faced minor bugs such as the app crashing if a user refused to share their location which has since been fixed. We also faced some minor challenges with getting comments to work properly but those were all ironed out.

1. **Team Member Contribution for this increment**

*Please list each individual member and their contributions to* ***each of the deliverables in this increment*** *(be as detailed as possible). In other words, describe the contribution of each team member to:*

* 1. *the* ***progress report:*** Alex Gonzalez
  2. *the* ***requirements and design document****:* (everyone, group effort)
  3. *the* ***implementation and testing document****:* (everyone, group effort)
  4. *the* ***source code****:* Alex Gonzalez(general backend work), Samuel Anderson (mostly frontend work), Joel Bustamante(made a settings page), Claudio Olmeda(Fixed a lot of bugs and did frontend work), Juancarlos Alguera(Did a lot of frontend work, got dark theme working, and fixed bugs)
  5. *the* ***video or presentation:***(everyone, group effort)

1. **Plans for the next increment**

The plans for the next increment are to refine many of the features we introduced in this first increment. Additionally, we will see if we can add some new features, however, we have already met all our original requirements.

1. **Stakeholder Communication**

Dear Stakeholders,

I hope this email finds you well. I am writing to provide an update on the progress of our map-based social media application and to outline the current status and next steps for the project.

We, here at Map Social Media Company Inc., want to talk to you about our progress to date. We have made significant strides in several key areas:

Core Functionality Development: The interactive map interface is fully operational, allowing users to

* Post from their locations
* Comment on others’ posts
* Explore community-contributed content
* Like posts

Backend Enhancements:

* Our database design supports efficient handling of location-based queries and user interactions.
* Initial performance tests indicate strong scalability potential for handling larger user bases thanks to the power of Laravel.

UI/UX Design:

* We have refined the interface to enhance usability, ensuring the application feels intuitive and engaging for users.

Challenges Encountered:

* While overall progress is steady, we have faced a few challenges that are not uncommon in software development:

Thank you for your trust and collaboration.

Best regards,

Map Social Media Company Inc.

1. **Link to video**

<https://www.youtube.com/watch?v=oJK9TyZf0ls>