**“Bulletin”**

Team ALPHA

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# **Introduction**

## **Scope and purpose of document (SM)**

This document is a description of the general scope, schedule, organization, and tracking mechanisms for the project of developing the social media app ‘Bulletin’. You will find descriptions of the issues we are trying to solve with the app, the potential benefits of this project, the capabilities of the app, the organization of the team developing the app, and descriptions of the tracking and control methods used to monitor progress.

‘Bulletin’ is going to be a social media app in the same vein as Reddit, where users will be able to create their own communities dedicated to specific topics. These communities can be about a wide range of topics, though NSFW topics will be limited or even not allowed depending on the outcomes of further discussions by the development team. Users will be able to make their own accounts to participate in these discussions, being able to make posts, comment on already made posts, vote on existing posts, and create communities.

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# **System Scope**

## **Problem/Opportunity Description (SM, KP)**

*In 1-2 paragraphs, describe what the goal is of your project. What problem are you trying to solve or what opportunity are you trying to take advantage of?*

The overall goal of the project is to revolutionize the online community experience by building a refined and enhanced version of Reddit. Our platform will allow users to create boards and foster engaging communities around shared interests and passions. We aim to address the ongoing problems of moderation on existing platforms like Reddit, by implementing a new moderation process. By creating a new team whose only purpose is to monitor “Bulletin’s” user’s activities, the goal is to keep a close eye on communities, ensuring a more safer and inclusive environment. With these changes, we hope to be the new standard for online community engagement.

**Anticipated Business/Personal Benefits (KP)**

*In one paragraph, describe what your company will hope to achieve by creating this application. In another paragraph, describe the benefits to the users:*

What we will achieve by creating this application would be to bring people together.

* Better moderation
* Steal users from existing platforms
* Ad revenue
* Account creation free to attract users initially
* Premium option (no ads)

By developing “Bulletin”, our company aims to create a vibrant and safe environment where users can interact, share ideas, and engage in captivating conversations. Through better moderation and an user-friendly interface, our top priority is creating a welcoming environment where users can discuss all types of interests. In order to attract users, either from pre-existing platforms or completely new, creating an account will be completely free, where the only main requirement is to be over 13 years of age. In terms of business benefits, we plan to work with other companies and use targeted advertising placements. Similar to other applications and platforms, the advertisements displayed will be similar to the user’s interest. Hopefully over time, we anticipate generating revenue to sustain and further enhance “Bulletin’s” functionalities and features.

Like previously mentioned, “Bulletin’s” main goal is to promise users a more supportive and enjoyable social media experience. With attentive moderation tools in place, users are able to post and participate in discussions led by other users without fear of inappropriate content. The absence of account creation fees will attract users from all parts of the world, allowing them to easily join and explore “Bulletin”. For those who seek an ad-free experience, a premium subscription will be offered ensuring an uninterrupted experience with the platform itself. Overall, with these adjustments and improvements, users can look forward to connecting with others with similar interests, discover new interests, and enjoy a more personalized and easy-going social media experience.

## **System Capabilities**

*List of major functions of the system. These are taken from the Project Proposal and expanded upon.*

**Major Functions of “Bulletin”:**

* **Account Creation and User Authentication**
  + Here the user will sign up for a free account. They will have to enter a valid email and create a password.
  + To verify, users will be sent a link to the provided email address or passcode to the user’s phone number. API s is another alternative to user authentication
* **User Profile & Settings**
  + Users will be able to configure their own profile with settings such as public/private, online/offline, a profile picture, notifications, etc.
* **Communities (Boards)**
  + Users will be able to create communities based around a central topic.
  + These boards will be moderated by themselves with oversight from sitewide admins.
* **Community Browser**
  + Each community will be tagged with a larger tag like ‘Music’, then with more specific tags, like ‘David Bowie’.
  + The community browser will allow for searching by these tags to find specific communities.
* **Posts and Submissions**
  + Users will be able to submit posts on community boards, with posts being able to be either upvoted or downvoted.
  + Each post will have a comment section for user interaction.
  + Posts can be saved/bookmarked by users
* **Comment/User Interaction**
  + Users will be able to comment on a post to and collaborate with each other based on their shared interest
  + Users can follow accounts they like to see their posts on their homepage. They can also block accounts they don’t like.

**System Context**

*Using Visio or draw.io, create a System Context Diagram which depicts the primary users of the system and the information that is exchanged between them and the system.*

*Submit the System Context file as a separate file from your plan document*

**[INSERT PDF/JPG OF SCD]**

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# **Schedule**

*Using MS Project/Project Libre, create a Work Breakdown Structure Chart, identifying all tasks required to complete this team project, dependencies and staff resources for each of the tasks. Include phases to group and organize your tasks and include milestones.*

*Submit the schedule file as a separate file from your plan document.*

“Bulletin’s” Work Breakdown Structure Chart attached separately

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# **Staff Organization**

*How is your team organized; who is the team leader and how are you organized?*

**Team ALPHA:**

* **Project Manager:** Shawn Murray

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# **Tracking and Control Mechanisms (KP)**

*Describe how you plan to track changes to this and techniques that you will use to monitor the progress of the various tasks. For example, do you have regular meetings, how do you use groupware to keep the documents in-synch and current, etc?*

* Time stamp on GitHub
* Version history
* Meetings after class (and more depending on the task)
* Follow the project plan
* Share project file ^

For “Bulletin” to be successful, maintaining effective team communication and progress tracking is crucial. One person within the team will be appointed Project Manager, who will hand out tasks to the other team members. Weekly meetings will serve as checkpoints to discuss individual progress, address problems or challenges, and plan upcoming tasks. To in-sync with each other, GitHub will be used to collaborate with each other, create, store files, manage, and create code. With the use of GitHub, team members will be able to use the time stamp feature to revert to previous versions if needed. By adhering to the project plan and timeline, our team can systematically advance through tasks, ensuring that “Bulletin” is developed in a timely manner and meets all standards within the company. This structured approach will contribute significantly to “Bulletin’s” success by creating transparency, accountability and effective collaboration within the team.