

Brian Chan  
Edwin Prakarsa  
Rob Mantzoros  
Jaideep Juneja  
Neil Amin  
Shreyaansh Bassi

# CS307 Team 20 Product Backlog TeamUp

## 1. Problem Statement

- a. A lot of projects can be disorganized, with multiple people working on the same task and not knowing, or forgetting due dates. To increase productivity, and eliminate miscommunication and uncertainty, we propose an Android application that will allow groups to communicate via messaging, submit tasks to be claimed by other members, and add due dates to a calendar that all members of the team can view.

## 2. Background Information

- a. All students have been part of a group project before. Most memories are filled with disorganization, confusion, and miscommunication. While there are already group communication applications like GroupMe, TeamUp also offers users to post tasks for their team to complete, and also tracks tasks completed and by whom. This will let the team know who is doing what, even after it has been completed.

## 3. Requirements (Backlog)

### a. Functional

- i. As a team member, I would like to send instant messages to other team members.
- ii. As a team member, I would like to create, edit, delete and accept task and projects
- iii. As a team member, I would like to see the status of all ongoing tasks.
- iv. As a team member, I would like to see a history of previous completed tasks

- v. As a team member, I would like to be notified immediately of new messages or task changes.
- vi. As a team member, I would like to have deadline notifications
- vii. As a user, I would like to be able to create an account and log in.
- viii. As a team leader I would like to set deadlines on the tasks and update the list of tasks as required.
- ix. As a team leader, I would like to be able to kick someone from the group
- x. As a team leader, I would like to be able to assign someone else to be a leader.
- xi. As a team member, I would like to request tasks to be added to the list of tasks
- xii. As a team member I would like to be able to ask for help on my task if and when need be.
- xiii. As a team member, I would like to see a progress report of individual projects.
- xiv. As a team member, I would like to see who completed certain tasks
- xv. As a team member, I would like to track the number of tasks each member has completed
- xvi. As a user, I would like to be able to upload picture and documents such as microsoft word, and pdfs.
- xvii. As a user, I would like to see who is online at the moment and who is currently typing. xviii. As a user, I would like to be able to login every time I try to access it.
- xix. As a user, I would like to have a countdown before deadline
- xx. As a user, I would like to stay login until I change my password
- xxi. As a user, I would like to have an option to choose whether to stay login or logout every time I close the apps xxiii. As a user, I would like to be notified if my account is sign in in another device
- xxiv. As a user, I would like to change the group name.
- xxv. As a user, I would like to be able to search for the group by name.
- xxvi. As a user, I would like to be able to mute notification from a group.
- xxvii. As a user, I would like to be able to invite another person into the group.
- xxviii. As a user, I would like to be a part of multiple teams
- xxix. As a user, I would like to be able to see a list of teams I am a part of

## b. Non-Functional

- i. Use this app on an Android device.
- ii. The information in the app will be updated in real time and concurrency will be maintained across all members in the group.
- iii. This app will support at least 200 users
- iv. This app will make you sign in after two weeks of inactivity
- v. Will have a user friendly interface.
- vi. Have the ability to synchronize the groups and messages between devices
- vii. The application will not use a lot of local data.
- viii. Able to support the newest android OS
- ix. Able to ensure the data is protected from unauthorized access.
- x. Personal information will be protected
- xi. Attractive looks that promote confidence in its use