Problem Statement

In the software world, our communication tools are all over the place, and our to-do lists are a mess. This makes work slower and messier. We chat on email, chat apps, and other tools, and it's like talking to different people at the same time. Our tasks and deadlines are a jumbled mess, which means we miss out on working together in real time. We really need a special "ToDo" app just for us software folks, one that brings everything together, cleans up our tasks, and lets us work together right away.

Proposed Solution

In order to combat lack of effective communication and ineffective work, we want to create a ToDo List app called CheckMate

- Users can create new tasks and categorize them.

- Assign tasks to themselves or team members.

- Set due dates and attach relevant files.

- Team members can comment on tasks to provide updates or adjustments.

- Has a real time chat feature

- Complies with version control

Relation to Overall Project

Our proposed solution relates and meets the overall project goal by...

- Improving Teamwork, Productivity, & Communication amongst software engineers

- Practicing software engineering processes, tools, and methods related to software requirements and design

Requirement Use Case

Use Case: Creating A Task

1 Preconditions

  User must be logged into their account

2 Main Flow

  User will input task and provide a description[S1].

3 Subflows

  [S1] User can add any additional team members to task.

  [S2] Other users can see created task and comment on it.

  [S3] All users can discuss task and make adjustments.

4 Alternative Flows

  [E1] No changes to task are needed.