Project Milestone 1:

Team-011-2

Team name - BarstoolBuffs

Team Members: Noelle Chalepas, Chase Tullar, Tyler Rayborn, Barry Wang, Eric Andersen

Application name - The Buff Planner

Application description - The Buff Planner is a daily tracker that tracks activities of daily living. Activities of daily living (ADLs) are simple tasks such as brushing teeth, cooking breakfast, washing dishes, getting out of bed, etc… These basic activities are used by mental health professionals as an indicator of functional status. The more activities performed signals positive mental health trends while failure to complete activities can be linked to declining mental health.

The metrics gathered will be input into graphs that will show ADLs completed over time. Mental health professionals can use these metrics in order to create a better tailored plan for their patients in a therapeutic setting. If a patient starts to complete less ADLs over time the mental health professional will be able to see this and have better outcomes when they next meet with their patients.

Vision statement - For people that struggle with their mental health who need a daily activity tracker to see if their mental health is going in a positive or negative direction. The Buff Planner is a website that helps those people complete daily tasks that will benefit their mental health in the long run. Unlike ordinary task trackers, our product focuses on the mental health aspect of users to break cycles of bad habits and instill favorable new ones.

Version control -
https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-011-02/tree/70490137c218ded734dc03606a5965af0f98098d/Milestone_submission

Development method - The development method our team will follow is the agile and scrum methodology. We will have one person to oversee scrums while the other members will not have official 'roles' in order to foster a collaborative environment. Collective contribution and continuous progress will be the main factors deployed in our methods.
JIRA link: https://csci-3308-spring22-02.atlassian.net/jira/software/projects/BAR/boards/1

Communication plan - As of now, we meet twice a week for an hour each meeting. In these meetings we talk through the plan for our website and our goals for the week. These are important because in order to make good progress to meet our sprint plans all of our team

members need to be on the same page about pace and goals. These meetings are the backbone of our sprints and we will be completing most of planning and some of our project work through them

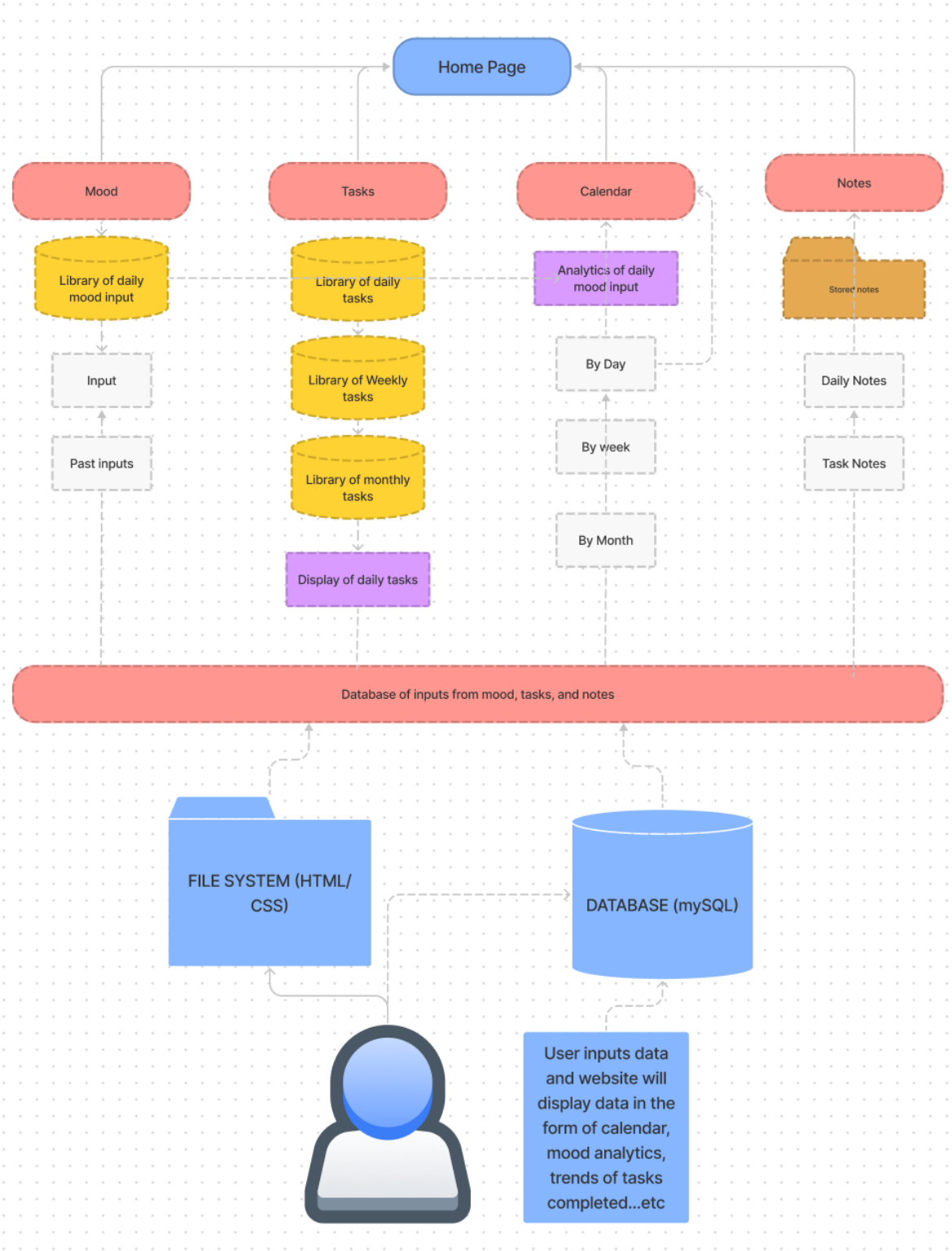
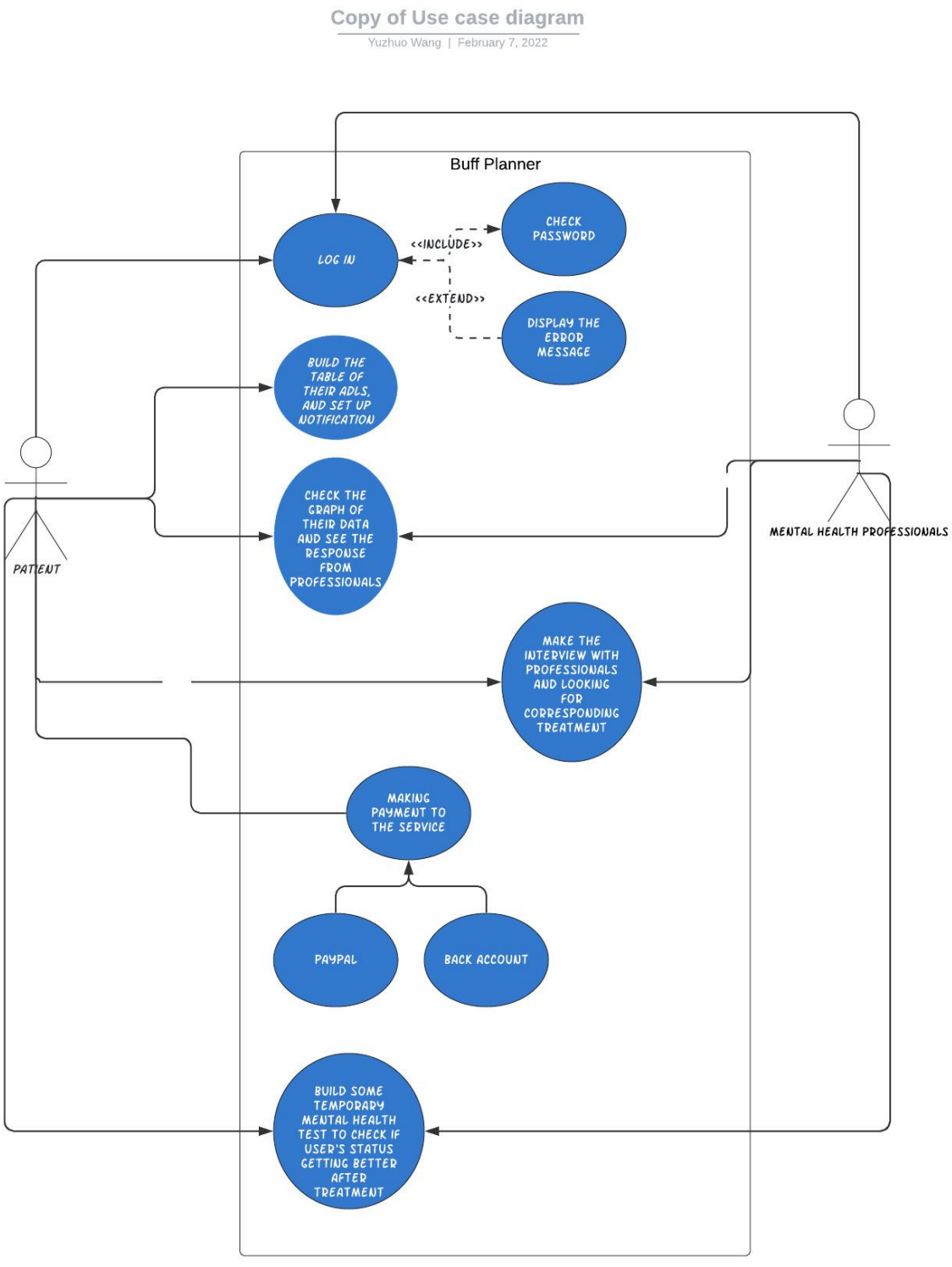
We also will be using google docs to log most of our work, other than code, for the project. Google docs is a good resource for our team because when we are working over zoom in our weekly meetings it is nice to have a document that everyone can work on at the same time and other members can see changes real time.

Lastly, we are also utilizing text messages to communicate within our team. This is used mostly for small questions we have when we aren't physically together to talk or in our team meetings over zoom. We can also communicate schedule changes and small role negotiations over text without having to set up a whole meeting for a small conversation. This also is useful for us because we all have busy schedules to work around, so texting is an easy and fast way to communicate.

We also meet with the TA once a week to go over and update her on what we completed for that week.

Meeting plan - Our team will meet twice a week on Tuesday and Thursday from 2:15 to 3:15. On Thursday we will meet with the TA from 2:00 to 2:15. The mode of communication will be zoom.
TA zoom link: https://cuboulder.zoom.us/j/99659411655

Proposed architecture plan - Website Information Architecture Diagram


Home Page
Mood
Tasks
Calendar
Notes
Library of daily mood input
Library of daily tasks
Analytics of daily mood input
Stored notes
Input
Library of Weekly tasks
By Day
Daily Notes
Past inputs
Library of monthly tasks
By week
Task Notes
Display of daily tasks
By Month
Database of inputs from mood, tasks, and notes
FILE SYSTEM (HTML/ CSS)
DATABASE (mySQL)
User inputs data and website will display data in the form of calendar, mood analytics, trends of tasks completed...etc

Use case diagram -