Ellie Parobek and Lowell Pence
ISTE456.01: Mobile Application Development II
Final App Proposal

0) App Title:
        MegaLog

1) Create an Application Definition Statement:
        MegaLog is an app that lets you keep track of everything that happened throughout your day. There are similar apps that do one specific job such as uploading one photo every day or logging the food you ate every day, but this app will combine multiple aspects to store everything that happened in a day - food logging, exercise logging, mood, photos, etcetera. This app could be both for people who have medical problems and need to log what they eat / do or just for fun for people who want to save memories of each day to look back on.

2) Brainstorm Features:
   ● Text log what you did in the day, how you felt / mood throughout the day
   ● What you ate throughout the day and when
   ● Upload and view pictures from that day
   ● Line up pics with little text blurbs about where you were and what you did there
   ● Rate the day (0-10)
   ● Set locations / map, multiple times for a day if desired
   ● Auto color code calendar/days based on holiday, date, vacation, rating, illness, etcetera (select one, many, or none)
   ● Options bar for custom displays such as a custom drawings or audio / sound upload
   ● How long the commute was - can be used for something simple as driving to work or long drives such as on vacation
   ● Auto set weather/temperature for that day based on location
   ● Sleep times (bedtime and wake-up time), calculate how many hours it was, and also maybe rate the quality of sleep

3) Filter the list:
   ● Text log what you did in the day, how you felt / mood throughout the day
   ● What you ate throughout the day and when (if desired)
   ● Rate the day (0-10)
   ● Auto color code calendar/days based on holiday, date, vacation, rating, illness, etcetera (select one or many or none)

- Auto set weather/temperature for that day based on location
- Sleep times (bedtime and wake-up time), calculate how many hours it was, and also maybe rate the quality of sleep

4) Conduct market research:
- Android - Daily Life - My Diary, Journal: 4.6 stars with 12.3k reviews

    It looks exactly like our concept project idea, it has a calendar mood tracker, text input, photo input, etc. It has a neat timeline feature that is similar to Instagram / Twitter except it is just a personal feed of each day that you can scroll through. Some extras it has are music attachments and drawings. It also has text formatting and no payments required. Can't see many negatives in the app itself or even in the reviews.

- Android - Multi Log: 4.2 stars with 71 reviews

    This was one of the first results searching "log" so I am surprised it doesn't have many reviews. It has similar features to what we would want - weight, tasks for the day, food, pretty much any custom log can be created along with some templates. The logs can be downloaded as CSV and also viewed in a pie chart. An extra that we did not think of was a money /spending tracker, but I don't think that applies much to our project. Downsides are very low customization of the actual logs along with formatting.

- Android - Diaro - Diary, Journal, Notepad, Mood Tracker: 4.6 stars with 92,117 reviews

    This app has a ton of features for logging - activities, appointments, thoughts, and mood. It organizes any logged text into graphs such as how many times your mood was poor vs great. The main downsides I see are that features such as saving/sync are blocked behind the paid pro version and that you cannot view the whole day on one screen - they are separated by the events / activities.

- IOS - Daily Notes Planner 2: 4.4 stars with 95 reviews

    Lets you input text about what you did each day. Only functionality is text input, but it has a neat search feature and a password functionality if desired. You can also customize the font, sizes, and colors. Downsides are it costs $5 and there isn't much formatting such as bulleted lists or any type of google docs/word formatting functionality.

5) Iterate:

Most apps feel very similar to what we want to do, but the idea would be combining each concept of these apps into one app together. None of them used sleep tracking which could really help. Slightly modifying the concept to a wellness specific focused app can work better - food, sleep, mood, and illness tracking specifically without the photos or non-wellness related aspects.

6) Sketch out a rough UI:

NinjaMock wouldn't let me download as PDF without paying for their premium.
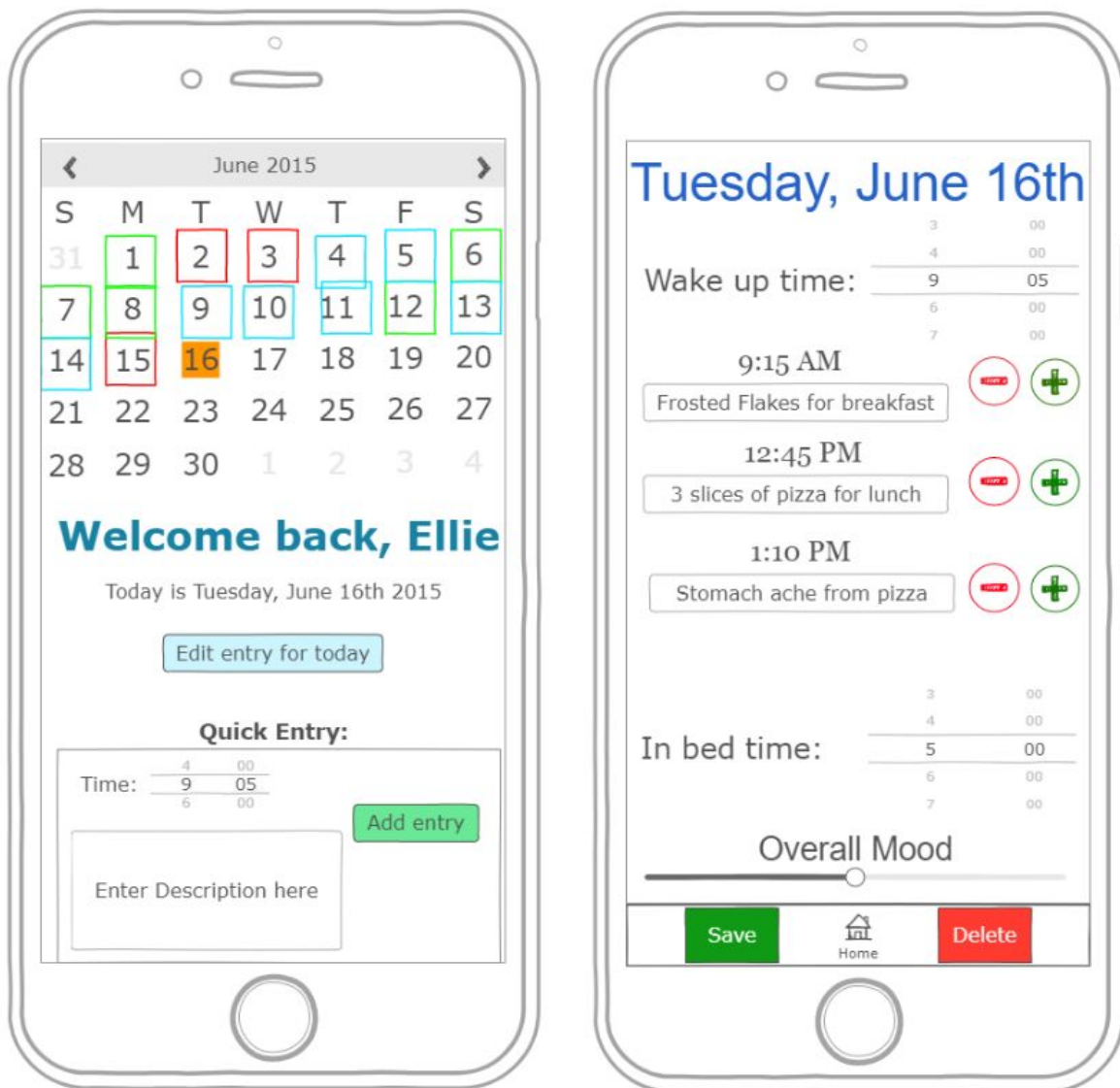
7) Now tell me which features from step#3 you'll actually have time to implement before the end of the semester:

- Text log what you did in the day, how you felt / mood throughout the day Will implement
- Set locations / map, multiple times for a day if desired Will not implement
- Auto color code calendar/days based on holiday, date, vacation (select one or many or none) Will implement if time allows
- Auto set weather/temperature for that day based on location Will not implement
- How you felt throughout the day (sickness wise or mood wise - ex. stomach ache after dinner or nothing to say you felt totally fine all day) Will implement
- What you ate throughout the day and when Will implement
- Rate the day and your mood, maybe very simple with a bad -> neutral -> good or 0-10 Will implement
- Auto color code calendar/days based on rating / mood Will implement if time allows
- Sleep times (bedtime and wake-up time), calculate how many hours it was, and also maybe rate the quality of sleep Will implement