

Project Management Tool	<p>Describe the Project Management software product will you use to plan and track the progress of your project. Create a project in your chosen tool. (Popular tools are Trello, Asana and Zoho, but any PM tool will do.)</p> <p>Document the requirements for your project. Requirements must include critical features including user requirements (functional and non-functional requirements.) These documented requirements should describe the “must have” features of your finished application. These features compose your Product Backlog.</p> <p>Discuss and document a project plan for your project. The Project plan should include details such as the number of sprints necessary to finish the project. The plan should list the tasks (feature development) planned for each sprint.</p>
Plan Cycle within the Project Management Method	<p>Create and document a three-week sprint or waterfall cycle in your project management tool. Create tasks for the feature development planned in this sprint. Discuss with your team and take ownership of the tasks and assign due dates for each of the tasks in the sprint.</p> <p>Initially all these tasks, following a Kanban approach, will be in the ToDo list and eventually when the owners pick up a task and start working, then the task should be moved by the owner to InProgress list and once the task is completed, it should be moved to the Done list in your project management tool (like Trello, Zoho, or similar tool.)</p>
Agile Methodology	<p>Following the agile method , conduct a five-minute agile standup meeting where team members stand in a circle and each team member talks for one minute answer the three “scrum” questions: 1. What have you completed since the last meeting, 2. What will you complete before the next meeting, and 3. Describe any obstacles or roadblocks you face.</p> <p>Following the agile methodology, conduct a sprint retrospective meeting, where the entire team discusses about the progress of the sprint - what went well, what didn't go well, what should be improved upon for the next sprint.</p>

- A screenshot of your project management tool displaying your project dashboard (sprint task and owners, todo, in progress and done lists)
- A pdf file/document describing your project's requirements. This can be somewhat high-level.  
One page is adequate.
- A pdf file providing a detailed description or graphic (timeline, schedule, GANTT chart) of your project plan showing the order of tasks and who is working on them applied to a calendar.
- A written descriptive summary of your team's agile standup and retrospective meetings

# Project Requirements

- Weather data from city name - string (has easy error check)
  - Make request to OpenWeather -> receive json data and parse accordingly.
  - Input: location
  - Output: temperature / description
  - Node Module
- Search spotify by output from weather api description. Create playlist based built off of albums, artists, tracks, and playlists:
  - Created based of Temperature: example: temperature is 30F so we play cold songs
    - Temp is 70+ play hot songs
  - Created based of Description: example: description is "rain" so we play songs/playlists categorized by this keyword
    - Descriptor is fog - play "gloomy" playlists
  - Input: temperature / description
  - Output: 15 song playlist relevant to input
  - Node Module
- User Login - not entirely sure on these requirements.
- Database:
  - Table1: username and password
  - Table2: username and multiple locations
  - Potential Alternative based on User Login Requirements: retain previously created playlists from other uses and randomly display two playlists.
- Front End Look and Feel
  - Happy theme
  - Sad theme
  - Base theme before you check weather
  - Login box

## Project Plan

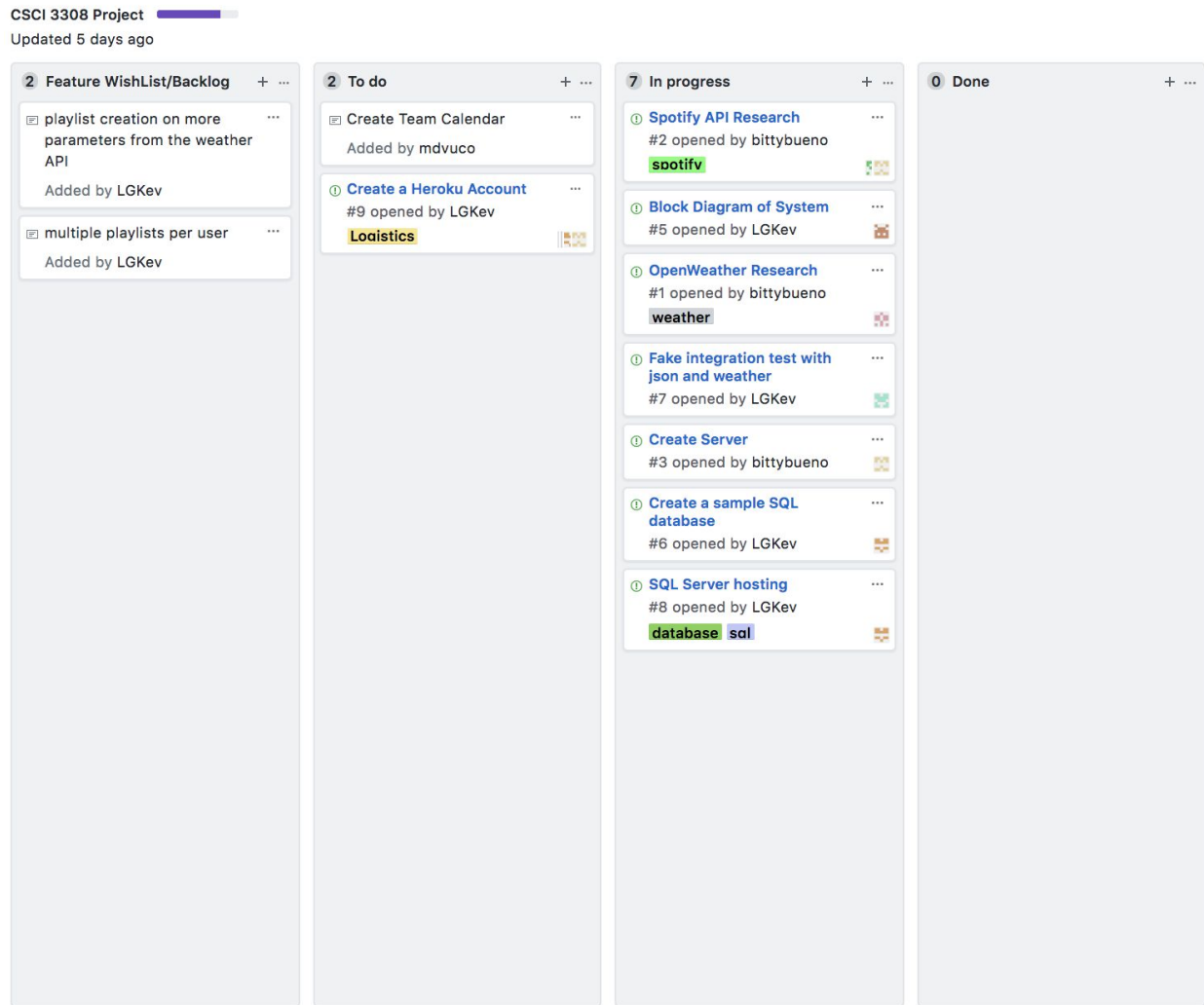
detailed description or graphic (timeline, schedule, GANTT chart) of your project plan showing the order of tasks and who is working on them applied to a calendar.

## Stand-up and Retrospective Meetings

- Five-minute agile standup meeting where team members stand in a circle and each team member talks for one minute answer the three “scrum” questions:
    - 1. What have you completed since the last meeting?
    - 2. What will you complete before the next meeting?
    - 3. Describe any obstacles or roadblocks you face.
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1. Since the last meeting, we have made a schedule/timeline for our project, got more specific with the details of our project (including what needs to be done and details about parts of the project like the Spotify API, weather API, database, front end, and login), and have started working on our project.
  2. Before the next meeting, we hope to progress on some parts of our project and ideally, we can look at the code together and figure out a way to bring it all together.
  3. Some obstacles or roadblocks with this project include dealing with the specifics of this project such as fine-tuning our functions and figuring out a way to integrate all of the code.

# Project Management Tool Screenshot

## - Git Projects - Basic Kanban



## Week 1 Kanban



