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| **Name:** Erik Meurrens, Benjamin Simonson, Ryan Jalloul, Evan Tobon, Samer Khatib  **Date:** 11/19/2024  **Team:** Parking Availability System (PAS) - ParKings | | **Upcoming Milestone:** Design Prototype  **Stakeholder:** Raven Kim Ramos |
| **Goals for upcoming milestone** | Produce a list of tangible goals for the upcoming sprint. Include a title and brief description of the goal, an estimated allotment of time, and a description of how it relates to the upcoming milestone specification. | |

* Finish implementation of database API functions into EZ Park App to communicate with database (3 story points)
  + Query all lots on start-up of app
  + Open HTTP client on start-up
  + When ParkingLocation Information accessed query information for that LOT
  + While on info page, poll every X amount of time (X to be determined when I feel like it)

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| **Achievements since former milestone** | Report on the status of your progress since the last worksheet was filled out. Include a description and explanation for why each target was or was not accomplished. Estimate the time spent on each. |

* Populate database with parking location data (2 story points ~ 2 hrs)
  + COMPLETED
  + Verified integrity of the data when writing and reading to the database
  + Populated table with all available parking locations from the original app codebase
* Configure EZ Park App to access SQL database (5 points ~ 2 hrs)
  + UNFINISHED
  + Stared blankly at codebase for two hours wondering wtf am I looking at. Mostly spent trying to interpret the existing code and looking through the Documentation.
* Implement Radar sensor (15 points ~ 8 hrs)
  + Wire the radar
  + Implement a sleep on pi until the radar sensor
  + Possibly print the updated 3D prints