

## User Stories/Assignments

Sean:

Tier 1: As a user, I want to be able to distinguish between spots that are available and spots that are taken so that I can easily find a parking spot at campus. >>> Weight: 1

Tier 2: As a user, I want the application to have a minimalist user interface so that I can easily access the information I need when I need it. >>> Weight: 2

Tier 3: As a user, I want to be notified of the best parking area depending on the building I need to visit so that I can park as closely as possible. >>> Weight: 2

Total Points: 5

Ebon:

Tier 1: As a student, I want to only be able to see availability of spots in parking lots in which I am permitted to park so that I do not get tickets or get confused. >>> Weight: 1

Tier 2: As a user, I want the application to send me notifications about which parking lots are available for parking based on my own class times so that I can find a parking spot more easily at campus. >>> Weight: 2

Tier 2: As a user, I wanted to be notified when it's 5:00 pm, so that I have the option to park anywhere on campus. >>> Weight: 1

Tier 3: As a user, I want to be notified of special school events that might limit parking so that I know if I need to avoid certain parking areas or change the time I need to get to campus. >>> Weight: 2

Total Points: 6

James:

Tier 1: As a commuter, I want to be able to only see available parking spots in commuter parking lots so that I can avoid confusion and know where I specifically can park. >>> Weight: 1

Tier 1: As a guest or visitor, I want to be able to see where guest parking spots are so that I do not park somewhere at which I am not allowed. >>> Weight: 1

Tier 3: As a user, I want to be notified about shuttle arrivals in or near parking areas so I can utilize alternative methods to move around campus. >>> Weight: 3

Total Points: 5

Ryan:

Tier 2: As a user, I want the application to track my location and indicate visually where I parked so that I do not forget. >>> Weight: 3

Tier 2: As a security officer I want to know how long a vehicle has been in a certain spot so that I can enforce time limits in certain parking lots on campus. >>> Weight: 2

Tier 3: As a user, I want to be able to filter out from which parking lots I receive notifications so that I can efficiently find spots where I need them, not just where they are available. >> Weight: 1

Total Points: 6

Dakota:

Tier 1: As a user, I want a visual depiction of the parking lots so that I can easily find the spots that are being referenced to. >>> Weight: 1

Tier 1: As a user, I want each parking spot to have an individual sensor which indicates if the spot is taken so that I can see which spots are open in real time. >>> Weight: 2

Tier 2: As a user, I want to have an idea about the parking habits of students so that the application can determine which parking lots are typically emptying and at which times so that I can choose the best spot at the time. >>> Weight: 2

Total Points: 5

Total Overall Points: 27