**MTA Hackathon Plan** (Times in US EST)

**Features (in priority order):**

1. ~~Check your upcoming reservations~~
2. ~~Check available queues~~
3. ~~Make and confirm reservation~~
4. ~~Cancel reservation~~
5. ~~Scale up points (multiply by 500)~~
6. ~~Complete reservation (manual button)~~
7. ~~Review/show points~~
8. ~~Next-best/better queue~~
9. ~~Warn of proximity (hamburger simulation)~~
10. ~~Miss reservation (hamburger simulation)~~
11. Warn of reservation status (low)
12. ~~Save routes (deleted)~~

**Monday, July 13**

* [08:00 AM – 08:15 AM] Team check in
* [09:00 AM – 10:00 AM] MTA event kickoff
* [10:00 AM-05:00 PM] Features:
  + Environment set up and deployment
  + Queue schedule creation
  + Page stubs
* [11:00 AM – 11:15 AM] Team check-in
* [05:00 PM – 06:00 PM] Test/team check-in

**Tuesday, July 14**

* [08:00 AM – 08:15 AM] Team check in
* [09:00 AM – 05:00 PM] Features:
  + Check available queues
  + Make and confirm reservation
  + Check upcoming reservation
  + Cancel reservation
* [10:30 AM – 10:45 AM] Team check-in
* [05:00 PM – 06:00 PM] Test/team check-in

**Wednesday, July 15**

* [08:00 AM – 08:15 AM] Team check in
* [09:00 AM – 05:00 PM] Features:
  + Bug fix
  + Complete reservation
  + Review/show points
  + Warn queue status
* [12:00 PM – 12:15 PM] Team check-in
* [07:00 PM – 07:30 PM] Test/team check-in

**Thursday, July 16**

* [08:00 AM – 08:15 AM] Team check in
* [10:00 AM – 05:00 PM] Features
  + Bug fix
  + Warn of proximity
  + Miss reservation
  + Next-best/better queue
  + Save routes
* [11:00 AM – 11:15 AM] Team check-in
* [05:00 PM – 06:00 PM] Test/team check-in

**Friday, July 17**

* [08:00 AM – 08:15 AM] Team check in
* [08:15 AM – 04:00 PM] Bug fix, demo video
* [12:00 PM – 12:15 PM] Team check-in
* [04:00 PM – 05:00 PM] Review/team check-in
* [05:00 PM – 06:00 PM] Submit

**Keys to Success:**

1. ~~Page stubs~~
2. ~~Diwakar’s productivity (especially on Tuesday)~~
3. ~~Abhishek and Abhinav completing the queue schedule on Monday~~
4. ~~Diwakar and Mabry’s communication~~
5. ~~Stubbing high-cost/low-value features~~

Parking Lot:

1. ~~queue schedule created? (Abhinav)~~
2. ~~queue schedule published? (Abhishek)~~
3. ~~smart queue up? (Mabry)~~
4. ~~smart queue reachable by the app? (Mabry/Diwakar)~~
5. ~~Do a page review (Diwakar/Hitesh)~~
6. ~~Starting presentation and video? (Hitesh)~~
7. ~~Kickoff event scheduled today~~
8. ~~Eliminate the “to” in all user interfaces~~
9. ~~Abhinav to reach out to data SMEs~~
10. ~~New Smart Queue running~~
11. ~~Access to GitHub~~
12. Distribution of the app (last check in)
13. ~~Have the queue automatically update itself with new schedules~~
14. ~~Abhinav to run scheduler in Azure~~