UMKC Parking App Project: Increment 2

Team Details

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Design of Features

In this increment we incorporated firebase login (not previously incorporated)

We updated the UI to include images and use google map (rather than a simple list for differentiating between parking lots)

This general UI update also included adding more functionality to the application. Integrated into mean stack (minus for now the MongoDB aspect) producing functions which will call the database to get parking

availability and set parking availability via a node js controller.

We also created a virtual sensor using IBM Watson IoT platform and node-red, however the data from this virtual sensor is not being served to the

Implementation

Deployment

We deploy in android using ionic launching and hosting api calls from our node server.

Project Management

Muhammad Contribution

contributions not finalized yet

Greg contribution

contributions not finalized yet

Pravalhika contribution

contributions not finalized yet

Conclusion

Update once concluded

References

Simulated Sensor Device

Ionic 3 Documentation

stackoverflow hide ionic tabs

stackoverflow display json in ion-item