CSM Youth Sports Camp Registration Android Application

Client
Rob Thompson
rbthomps@mines.edu

The Project
Every summer Colorado School of Mines hosts a Youth Sports Camp for 3 weeks of the summer. With over 200 kids per week getting dropped off and picked up every day at the same time security issues can arise. The idea behind this application is to provide a way to identify who is picking up what children and at what time they did so.

The big idea is to have a web based interface where someone can enter in all of the kid's information. Then have a simple android app link to this database and be able to search for a kid. The android app will also have the ability to check a kid in or check a kid out. The final important piece is to be able to run a report at the end of the day that says which kids were picked up and dropped off.

Specific Requirements
-Web based interface for adding kids to a database by importing from excel or csv
-Android Application
> -search for kid by name or group number
> -add picture of kid and parent
> -add notes [for example incident report]
> -ability to check in for the day
> -ability to check out for the day
> -ability to run reports on database [query for specific data]

Desired Skills
- Good coding practices for maintainable code [lots of comments and clear wording]
- Knowledgeable in simple HTML and database queries
- [Recommended] familiar with the Android platform

Location
Location is flexible. There will be one or two weekly meetings in the Student Rec Center.