Project Proposal (5 points)

Purpose

The term project will consist of a non-trivial mobile app using the React Native framework and techniques covered in the course and should be well documented. Projects can be done solo or in a team of no more than 3 members. In particular, your project should have a front end UI with some backend integration, using communication protocols/connections, third-party APIs, and/or SQL or NoSQL databases.

Requirements

On the front end, the application should demonstrate the use of native/core UI component, custom components, layout, navigation, and additional UI features suitable for the application. The final project will be 30% of your final grade (25 points plus 5 points for this proposal).

Examples

Example projects include, but are not limited to:

1. A basic shopping app where you can make orders and store them in the database;
2. A simple (micro)blogging site where you submit posts into database which can be retrieved and shown in a reverse chronological order;
3. A web photo album where you can post and show pictures (each picture is essentially a metadata record in the db and a link to a image file);
4. A web email/messaging system where multiple users can send messages to one another via inserting message records and selecting related records from database;
5. A record/score management system for a game or any competition (where related players, scores can be managed and a leaderboard can be constructed based on the scores);
6. Any other ideas of a dynamic, database or API-driven mobile app.

Potential Ideas

I've created a forum on the Discussion Board (Week 5 Discussion Board) for you to discuss potential ideas and to form teams. Submit your project topics for instructor approval.

What to Submit

Submit a two-paragraph description about:

1. Team members, and
2. What mobile app you plan to develop, including its name, potential user, and basic features.