



Homework 2

Due 1/30/2019 EoD

- PDF ONLY - Every other format gets a 0.
- Submit as Homework 2 in your GitLab repo
- 5 sections for EACH of the app ideas.



Homework Assignment

During the semester, you will conceive, design and create an Android mobile app that you will release. For this homework assignment, you will come up with five ideas for a mobile app. You will develop this app throughout the semester and it'll become your final project. You might pick an idea that solves a problem you have, or has content about a subject you're passionate about, or takes an available web-based API and does something useful with it.

Emphasize why your app is best on a mobile device vs. a web app.



Homework Assignment Example

Idea:

Create an app so users can find a place to eat on campus based on location, interests, and who you're with.

Competition:

BSU Food Finder, Bronco Eats, Boise Foodie

Audience:

BSU Student Body or anyone visiting the campus. Ages 16-30 & 40-60

Technologies:

GPS to find the user's location. MapView to show map of restaurants. Camera to check into restaurant. XML parser or database to read input. Network to pull in description data. Accelerometer for shake feature that finds a random restaurant.



Homework Assignment

Suggested Price:

\$1.99 - All competitor apps are \$0.99 and we plan on having a substantial difference on quality, features and updates to the app which will make it worth the extra fee. I'm also getting a designer for a more professional look.



Homework Grading

- 0 - No appropriate submission
- 1 - Not working and very little code
- 2 - Not working or very little code
- 3 - Requirements missing
- 4 - All requirements fully satisfied
- 5 - All requirements fully satisfied and added design and/or functionality



Homework Grading

Example:

Student satisfies all requirements and adds design elements: 4.2

Missing some features but adds design elements: 3.2

All requirements and added some features and design: 4.9