

Please tell us about your app idea (app overview, languages/frameworks used)

- They search for patterns in the source code
- Patterns are structures used in coding
- Anti patterns are what the scientist (Ureel) looks for
 - Anti patterns are either bugs issues, or an unintended solution with unforeseen consequences
 - Ex: A good solution with a security issue oversight

What is the preferred language for the app?

- Java
- Groovy
- Grail

Why should there be a code critique app and how would it be useful?

- For novices
 - Ex: they could be in the classes CS1122 and CS1121
- Can be used to find problems you are not aware of
- Can be used to solve problems you don't know how to solve
- Can be used to improve coding
- Can be used to look at code, give feedback and improve it

Who are the users?

- Novice programmers
- People who dont have alot of background in programming
- People who want to improve their programming
- People who make mistakes that experts can't conceive

How would they use the app?

- Have a field to upload source code
- A button to submit
- File would be uploaded and the program will look through it and then give an output of a critique

What data should be given in the app?

- Code uploaded and the critique given to the user

How should the data be stored?

- Grail, should use a model view system
 - The information should either be in the database or outputted
- Pages can be in a document

Is there any specific way data should be shown?

- It is up to us to decide how it should be shown. (Andrea offered to help)

How should the UI (User interface) be implemented?

- Design according to the principles of the class

When or where is the app being used?

- Courses and engineering fundamentals
- Matlab, Python, and Java are some examples

What info is shown to the user?

- The user sees the program they submitted and the feedback given about the program

Do you have any documents or data before we start the project?

- Some code and database files
- Domain classes in grail and groovy
 - Ex: `user.find(userid)`
- Can give domain files on where we store data
 - We can modify domain files
- Descriptions of the MYSQL data tables

Any previous version(s) we could look at?

- No, Ureel gave some advice instead
 - We have to start out small and then improve on it ourselves.
 - We must create our own framework

What type of devices or interactions would you see being used with the app?

- It should be used in a web browser.