

Project Proposal: Team Assignment B

✓ Published

 Edit

Every team should contact any one of the IAs before the project proposal deadline, to brainstorm about your idea and make sure it fulfills all project requirements. You will be assigned a specific IA mentor after this proposal has been submitted, and should meet with that specific IA before submitting the revised proposal.

Write a 1-2 page synopsis of your proposed project. Your application must support multiple simultaneous users who interact directly and/or share user-visible application state, must support web and/or mobile user interface, must support authentication and authorization, and must store/retrieve user-supplied data persistently. Briefly describe what will it do and who will be its target users. Are there multiple categories of users, e.g., buyers and sellers, characters and dungeon masters, contestants and judges, participants and moderators? *Why* will they use your system, what *value* will it provide to its users? Include some typical workflows or usage scenarios. Think about what could go wrong, e.g., the user is expected to do xxx but instead does yyy, how does the system respond? Raising exceptions, crashing, etc. should not be acceptable responses.

Add another page listing the technology you tentatively plan to use, it is ok to change this later. Besides a programming language and a corresponding web/mobile application development framework, you will need a static analysis "bug finder" tool, a unit testing tool, a build tool (or package manager or other tool that handles dependencies for languages that do not "build"), a continuous integration tool that plays nicely with your git repository, and a persistent data store (either SQL or NoSQL).

Teams are strongly encouraged to host their applications, or backends in the case of mobile, on a cloud platform (e.g., the "free" tier on heroku, or using codes that will be provided to the class for google cloud); in any case, do not use "localhost" or an employer's facilities. Teams are also encouraged (optional) to include machine learning, data mining and/or analytics capabilities in their applications; this should involve using some available package(s), it is not necessary to understand how the algorithms work or to code the algorithms yourself.

Submit a single file describing your proposed project. The name of this file should include the team name, e.g., FantasticFour-projectproposal.pdf, CodeBusters_project_proposal.txt. Only one member of each team should submit (note that if multiple team members submit, the most recent submission will override previous submissions by other team members). You should submit as soon as you're ready, and can resubmit repeatedly up to the deadline.

Sample Project Proposals are available in Files->Sample Proposals. Notes these are actually the revised proposals from last year, not the initial proposals. One full project is available at https://github.com/COMSW4156Fall2017/coms4156_jumpstart (https://github.com/COMSW4156Fall2017/coms4156_jumpstart).

Points 2

Submitting a file upload

File Types doc, docx, pdf, txt, xls, and xlsx

Due	For	Available from	Until
Sep 26, 2017	Everyone	Aug 15, 2017 at 12am	Jan 31, 2018 at 11:59pm

+ [Rubric](#)