Preliminary Project Proposal

Caveat: All four members of the team should, in most cases, use the same programming language - please choose C/C++, Java or Python - and same platform - please choose Linux, Mac or Windows. If you would like different members of your team to use different languages/platforms and/or choose different languages/platforms than those listed here, you must get approval from the instructor *in advance*. Do not propose a project that assumes some other language/platform unless you have already obtained permission from the instructor.

In your submission, "part 0", please tell us which language and platform you plan to use.

First, write a few paragraphs that summarize the software engineering project that your team would like to do. Your project must be demoable, but does not need a GUI if there's a command line console or some other way to demonstrate.   Your project must store and retrieve some structured application data persistently (e.g., using a database or key-value store), such that when your application terminates and starts up again some arbitrary time later, the data is still there and used for later processing. Your project must leverage some publicly available library, framework and/or API beyond those that "come with" the platform; it is acceptable to use an API for external data retrieval and/or service execution rather than integrating external code more extensively.

Second, write a small number of user stories for your proposed application, constituting a Minimal Viable Product, in the format "< *label* >: *As a < type of user >, I want < some goal > so that < some reason >. My conditions of satisfaction are < list of common cases and special cases that must work >.*" You may optionally include a wishlist of additional user stories to add if time permits. Keep in mind that the type of user, the goal, the reason (if applicable within the system), all the common cases and all the special cases must be demoable and testable.

One member of your team should submit a single file (preferably pdf) presenting your preliminary proposal. Your file must contain your team name and the names/unis of all team members, and may optionally include links to external resources. You may submit repeatedly until the deadline (note that if multiple team members submit, the most recent submission will override all previous submissions by the same or different team members).

Points	10
Submitting	a file upload
File Types	pdf, doc, docx, and txt

Due	For	Available from	Until
Sep 27, 2018	Everyone	Aug 15, 2018 at 12am	Oct 4, 2018 at 11:59pm

+ **Rubric**