

CS5551 Advanced Software Engineering

Project Proposal

Due: Jan. 30 (M) 2017, 11:59PM

Through the blackboard turnitin (Project/Proposal)

The class project is to be based on *Agile* development techniques. In the first stage, each project group has proposed a rough idea of the project they will work on this semester. This can be refined throughout the semester. For each increment hereafter, each group will deliver a set of outcomes related to their project.

The tentative schedule for project development is as follows:

- Project Proposal: Jan. 30 (M) ← This Deadline
- Plan & Project Increment 1: Feb. 17 (F)
- Project Increment 2: March 10 (F)
- Project Increment 3: April 7 (F)
- Project Increment 4: April 26 (W)
- Project Video: May 1 (M)
- Project Presentation/Demo: May 2 (T) & May 4(Th)
- Final Project Submission: May 5 (F)

The text must be a minimum 1.5 pages in length and single-spaced with a standard type size of 11 point. Each project group submits their project proposal to the turnitin of the blackboard system before the submission deadline. Note that plagiarism is strongly prohibited. Check Originality Report for your submission. (if Similarity Score > 10, you will get zero and it will be reported to school)

Project Preproposal

- Project Title & Team # & Members
- Project Goal and Objectives
 - Motivation
 - Significance/Uniqueness
 - Objectives
 - System Features
- Related Work
 - Projects done by others (include the URLs in Bibliography)
- Backup project
 - Prepare an alternative project idea just in case your primary project idea is not accepted.
- Bibliography

References:

- <https://www.kaggle.com/wiki/DataScienceUseCases>
- <http://nevonprojects.com/artificial-intelligence-projects/>
- <http://nevonprojects.com/project-ideas/software-project-ideas/>
- UMKC 2016 Fall CS5551 projects <https://docs.google.com/spreadsheets/d/1AQ5K6UB367-0U7MKoRJzoUh2KAxbwU8eqLids-JxlmU/edit#gid=74369788>
- UMKC CS5551 projects <https://docs.google.com/spreadsheets/d/1AQ5K6UB367-0U7MKoRJzoUh2KAxbwU8eqLids-JxlmU/edit#gid=655785631>