CS 303(P) Software Engineering Lab

Aug-Dec(2021)

Prof. Thangaraju B

Introduction

This course will go in parallel with the theory one and will be having hands on assignments where we will be covering important topics that will be used in the industry while developing a software product.

The tentative schedule, grading scheme and other details follow.

Schedule (Tentative)

			Software Engineering Lab Session			
S.No	Date	Topic	Brief Details	TA	Assignment	Deadline
1	6-Aug	GitHub	Intro to Git and Github	Rithwik	In Class, Ungraded	
2	13-Aug	GitHub	Assignment discussion & doubts	Rithwik	Graded	
			20-08-2021 Holiday			
3	27-Aug	User Stories	User Stories	Bharath	Ungraded	Assgn-1
4	3-Sep	SRS	SRS Assignment	Bharath	Graded	
			10-09-2021 Holiday			
5	17-Sep	UML	Practice Session and UML, Assignment	Kousthubh	Graded	Assgn-2
			20 Sep to 3 Oct - MT Exam/Break			
6	4-Oct	Bonus	Symbolic Execution, DSE	Kousthubh	None	
7	8-Oct	Bonus	Intro to System Design	All TAs	None	Assgn-3
			15-10-2021 Holiday			
8	22-Oct	Testing	Prime Paths and Edge Covering	Krishna	Ungraded	
9	29-Oct	Testing	Pattern Matching	Krishna	Graded	
			05-11-2021 Holiday			
10	12-Nov		Jenkins	Prof. Thangaraju	Ungraded	Assgn-4
11	19-Nov		Jenkins -CI/CD Pipeline	Prof. Thangaraju	Ungraded	
12	26-Nov		Jenkins Assignment	Prof. Thangaraju	Graded	Assgn-5

Grading & Assignments

- Course Credits: 1

- Letter grades allotted: A, A-, B+, B, B-, C+, C, D, F

- 5 graded & 5 ungraded assignments.

- Ungraded assignments will be given enough time and would be used as a teaching aid for a topic in the lab discussion. The ungraded assignments can play a important role* in the class participation.

- Graded ones are tentatively distanced 3 weeks apart from each one.

- Details regarding assignments, scoring breakdown and penalties will be informed to you in the assignment document/post.

- All the assignments will carry 20% weightage each. The total marks obtained will then be scaled to 90%

- 10% Class Participation.

Plagiarism policy

- The minimum penalty for plagiarism for a first "minor infraction" is a zero on the assignment.

- The Professor may impose severe penalties for subsequent offences.

- You may discuss assignments among yourselves or with the teaching assistants, but the actual work must be completed by you alone.

- If you have any doubts regarding whether or not your work is plagiarised, you must seek advice from the teaching assistants before submitting it.

- Do cite your sources when you have gathered some data from external sources.

TAs & Contacts

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Students can reach us via LMS, Email or Whatsapp regarding any course queries/feedback, however it's advised to have the discussions on LMS for the benefit of the whole class. Collaborated learning is always good :)