ICSI 680 : Master's Project

Course Schedule – Fall 2023

SCHEDULE

Meeting	Topic	Activity	Project Deliverable
Week 1 22-Aug	No class meeting		
Week 2 29-Aug	Overview, project description, team formation		
Week 3 5-Sep	Project: Input space partitioning	ISP concepts Team formation	
Week 4 12-Sep	Usability & front-end design	ISP criteria UX/UI evaluation	**Milestone 1**: Project definition
Week 5 19-Sep	Usability & front-end design	UX/UI evaluation	Group meetings—review of M2
Week 6 26-Sep	Professionalism: Networking, interviewing, professional ethics, on-the-job behavior	Introduction exercise Discussion	**Milestone 2**: Initial UX/UI design
Week 7 3-Oct	Process—agile & TDD Continuous integration	What is correctness? Test-driven development	Group meetings—review of M1
10-Oct	**Fall break, no class meeting this week**		
Week 8 17-Oct	Software design	Persistence Web control flow	Group meetings—review M3a, check up on M3
Week 9 24-Oct	Software architectural design	Use v. utilize Arch design pattern	**Milestone 3**: Software architecture & design
Week 10 31-Oct	Milestone 3 review		Group meetings—review of M3
Week 11 7-Nov	Software test automation	Controllability Tests for the Min class	Group meetings—check up on implementation
Week 12 14-Nov	Working in teams: Communication, dividing and sharing tasks, leadership	Teamwork exercise Leadership examples	Group meetings—check up on implementation
Week 13 21-Nov	No class meeting		**Milestone 4**: Automated tests Group meetings on request
Week 14 28-Nov	Demos		**Milestone 5**: Demos for Teams 1, 3, 4
Final exam 12-Dec 330-530pm	**Milestone 5**: Final demo Team 2		