

IT 6423

IT System Acquisition & Integration

Instructor:

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Research Group Formulation Guidelines

Group Formulation and Intent Submission

- Students must formulate a project group with their classmates of IT 6423: IT System Acquisition & Integration. **No one outside this class can join project groups. Hybrid section students MUST make a group with hybrid section students. Online section students MUST make a group with online section students.**
- Each group should consist of **2 individuals**.
- Group Formulation will be facilitated through the D2L groups feature. Once you know your team formulation, the team members are suggested to pick a group at a similar time to avoid unexpected situations.
- If a student does not take any initiative to form a group, the D2L system will assign the student to any random (not filled up yet) group by default after the deadline.
- The groups **MUST** submit their intent one-pager (no more than 250 words) on why they want to work in this domain (in HW2).

Group Formulation and Intent Submission

This overarching idea of the team project is developing a Request for Proposal (RFP) package for IT procurement that will be useful in the acquisition and integration of IT systems.

Group Formulation and Intent Submission

- Students are highly encouraged to conduct research in the most **influential and impactful domain** for IT Systems & Data Science Applications as follows.

Domain	Subdomains			
	Healthcare Informatics & mHealth	Aging– Alzheimer’s and Dementia related issues	Mental and emotional health (Prevention, Intervention, Stigma management)	Cyber Security Challenges of Healthcare Data
		Healthy Aging– Healthy eating, nutrition, diet, and exercise	Mental and emotional health (Mental Health Disparities)	
	Education	International Higher Education Admission (Stakeholder– International Students)	International Higher Education Admission (Stakeholder– US Universities)	
	Computational Social Science	Disparities in online social platforms	Determining the social influence of an individual in the online social platforms	
	Supply Chain Management	Cyber Security Challenges Surrounding Supply Chains	Green and Sustainable Supply Chain– can we reduce the carbon emissions and waste in the supply chain steps	
*The instructor will guide these group research assignments and presentations in each phase of the project.				

Rewards

- Best 3 group projects will be rewarded with **20 bonus points**. If the students' works meet the expectation and scientific rigor required by short papers for conferences, the instructional team will help the students to publish the work in a prestigious conferences.
- The instructional team will cover the Publication Processing Fee/ Registration.
- Students with extraordinary work will be recommended for any future endeavor.