ELL887 Cloud Computing

Project

- The project can be anything related to Cloud Computing. Some potential areas:
  - Exploring in depth Cloud enabling technologies like Virtualization, Containers, etc.
  - Automatic deployment of applications developed by you in Baadal or any public Cloud platform taking advantage of cloud features like elasticity
  - Developing applications in public Cloud platforms using their various services
  - Exploring hybrid cloud concepts (using Badal and a public Cloud platform)
  - Exploring multi cloud concepts (using 2 public Cloud platforms)
  - Developing cloud native applications using microservices
  - Exploring cloud related technologies (Example: Open stack, Ansible, Terraform)
- The project group size can be 1-4. (As project group size increases more is expected)

GRADING

TYPE	PERCENTAGE
▪ Problem significance	6
▪ Technical depth	10
▪ Results	6
▪ Final Presentation	4
▪ Final Demo	4
▪ TOTAL	30

Project Milestones
- **Project Proposal (5-7 slides)**
  - What is the problem you are solving?
  - What work do you plan to do the project?
  - Which techniques you plan to use/develop?
  - What do you expect to submit/accomplish by the end of the semester?
  - Literature Survey – All the relevant prior work that has been done with respect to your chosen problem.
  - **In-class presentation:** After Mid-term exam

- **Final Report (20-25 slides)**
  - Introduction/Motivation/Problem Definition
  - Related Work
  - Method
  - Results and Findings
  - Conclusion and Future Work
  - **In-class presentation:** After Final exam