

## CAPSTONE PROJECT (GenAI)

### PROJECT PROPOSAL TEMPLATE

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**Please submit a Project Proposal (1 per team) for the Generative AI and Prompt Engineering Program Capstone Project according to the template given below, by November 7, 2024, 11:59 pm IST.**

**Note: The Project Proposal will be evaluated for 20 points.**

It should be prepared as a 3-5 pages document that includes:

1. Project Title
2. Brief problem statement
3. Background information: Include domain information, problem description and analysis, possible applications
4. Motivation for selection of the project
5. Detailed dataset description and dataset source
6. Current benchmark: provide references (if any)
7. Proposed Plan:
  - Define the methodology, including:
    - a. Approaches
    - b. Packages and tools
    - c. Algorithms
    - d. Metrics
  - Outline the stages with defined deliverables.
  - Develop a deployment plan, considering options like Gradio, Streamlit, FastAPI, Spaces etc.

- Implement MLOps tools for effective management and automation.
- 8. Preliminary Exploratory Data Analysis
- 9. Expected outcomes
- 10. Project demonstration strategy (tentative plans)
- 11. Proposed timeline of project stage executions (eg. Gantt chart): Include weekly progress goals for each of the 4 Capstone Project Mentored Sessions.
- 12. Team members' names
- 13. Designated team coordinator's name(s)

*Note:*

- *The points break-up for the Capstone Projects evaluation is available in the **Capstone Project Guidelines** document that is available in the QuickLinks section of the GenAI TalentSprint portal.*