| **Track(s): DevOps Engineer Track** |
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| **Project ID:** |
| **Project Title: online learning platform** |
| **Group ID: 1** |
| **Project Short Description:**  I am deploying an online learning platform using a modern DevOps pipeline that includes **Jenkins** for automated CI/CD, **Docker** for containerizing the platform, **Ansible** for configuration management, and **Kubernetes** for orchestrating the containers and ensuring scalability. |
| **Project Context (third party interfaces, APIs, or other third party tools that will interact with your proposed design):** |
| **Example Application of the Proposed Project:** the application is an example to simulate the online learning platform like udemy and coursera. |
| **Tools (Hardware and Software needed for the project / needed to build a prototype):**  Kubernetes, Docker, Ansible, and Jenkins. |
| **Deliverables:**  https://github.com/moheladwy/E-LearningDeployment |
| **Project Notes (Background, Data, references…..etc):** |