| **Track(s): DevOps Engineer** |
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| **Project ID:** |
| **Project Title: Ultimate CI/CD Pipeline-in AWS- TodoList APP** |
| **Group ID:Group 1** |
| **Project Short Description:**  This CICD and Terraform project set up a complete AWS environment, including:   * A Jenkins, Sonarqube, Maven, Trivy, GitHub, Ansible, and DockerHub to facilitate CI/CD pipelines. * A VPC with public and private subnets. * An EKS cluster to host applications with worker nodes. * A Bastion host for secure SSH access to the private network. * CloudWatch for Monitoring and Logging |
| **Project Context (third party interfaces, APIs, or other third party tools that will interact with your proposed design):**  AWS EKS, CloudWatch, Jenkins, Sonarqube, Maven, Trivy, GitHub, Ansible, and DockerHub |
| **Example Application of the Proposed Project:**  Todo List |
| **Tools (Hardware and Software needed for the project / needed to build a prototype):**  **AWS Account** |
| **Deliverables:**  [**https://github.com/YusufAbdElNaby/todo-list-depi-206/tree/develop**](https://github.com/YusufAbdElNaby/todo-list-depi-206/tree/develop) |
| **Project Notes (Background, Data, references…..etc):** |