



PROJECT CHARTER

GENERAL PROJECT INFORMATION

PROJECT NAME	CodeCruise CI/CD pipeline solution
PROJECT SPONSOR	Tushar Topale
PROJECT MANAGER	Harshada Topale
EXPECTED START DATE	20-02-2024
EXPECTED COMPLETION DATE	10-05-2024
ESTIMATED COST	NA

GOALS, OBJECTIVES, DELIVERABLES

PROJECT OBJECTIVE	The objective is to build a unified CI/CD Pipeline that is linked to company website and jenkins using cloud architecture where it is easy to Cloud Counslage tech people to develop and maintain the application easily using the CI/CD solution and also monitor/test the security aspects while deploying easily and well manageable way.
BUSINESS CASE	To help Developers/operations people to easily deploy and maintain the application using CI/CD Solution.
GOALS/METRICS	The main aim is to create a Industry standard and promising CI/CD Development pipeline to deply easily and maintain proper codebase.
EXPECTED DELIVERABLES	A fully functional CI/CD demo video in mp4 format , code in zip format with github link and project documentation with detailed howto's.

PROJECT SCOPE AND SCHEDULE

WITHIN SCOPE	A functional MVP (Minimum viable product) CI/CD pipeline connected with GCP Cloud/AWS using open source softwares/services like jenkins , sonarqube, OWASp Dependency Scanner and docker.
OUTSIDE OF SCOPE	it is not possible to keep the servers active 24/7 in active state as it is my free trial account, so it is for purely for development purpose.

PROJECT RESOURCES AND COSTS

PROJECT TEAM	Subodh Kamble
SUPPORTED RESOURCES	GCP/AWS Cloud , Docker, jenkins , sonarqube, nginx , OWASP dependency scanner, VS Code, HTML/CSS/JS
COST ALLOCATION	NA

PROJECT STAKEHOLDERS AND CUSTOMERS

PROCESS OWNER	Harshada Topale
KEY STAKEHOLDERS	Harshada Topale
END CUSTOMERS	Cloud Counselage Pvt. Ltd.

PROJECT RISKS, CONSTRAINTS, ASSUMPTIONS

RISKS	it will be not fully production ready CI/CD pipeline and more technical expertise will be needed to make it production ready.
CONSTRAINTS	Cannot use paid services and propriatory software to develop

ASSUMPTIONS	Some bugs will be still there and more technical people should get involve before deploying to production
MILESTONES	
MILESTONE 1-REQUIREMENT GATHERING	20/02/2024
MILESTONE 2-PLANNING	01/03/2024
MILESTONE 3-DESIGN	15/03/2024
MILESTONE 4-DEVELOPMENT	20/03/2024
MILESTONE 5-TESTING	20/04/2024
MILESTONE 6-DEPLOYMENT	01/05/2024
MILESTONE 7-CLOSURE	10/05/2024