DevOps Bootcamp**

PropPulse

Date of Submission: [12/02/2024]

Reporting Period: [05/02/2024 to 11/02/2024]

Group name: ParkPulse
Group members: Bahaa Abou Shakra, Rimah Housamedine, Aleen Zeidan, Jalal Sobh, Raafat Al Halabi

Instructor: Elie Tahchi

Technical Advisor: Jana Kerbaj

Team Reprisentetive: Bahaa Abou Shakra

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Section I: Overview of the Project

A webapp used to manage internal operations in hospitals, polyclinics and medical centers.
Concepts applied and functionalities for implementation: CI/CD, IaC configuration management, automated testing, monitoring and logging, containerization, orchestration, version control.

Section II: Summary of the Week's Overall Progress

After choosing the project details and dividing the tasks, a GitHub organization has been created and the process of work went as follow:

- *Pushing files to GitHub and committing changes to branches;*
- *Building a docker image on DockerHub;*
- *Trying alternative deployment methods i.e cloudways… as a safety measurement in case of failure due to problems faced with Jenkins and minikube;*

Section III: Distribution of Tasks per Team Member

Code and Design: Rimah and Aleen
CI/CD: Bahaa
Monitoring and Logging: Jalal and Raafat
Documentation and presentation: un-assigned

Section IV: Unfinished Business and Pending Activities

CI/CD deployment

Monitoring and logging

Power point presentation

Documentation