

Mid Checkpoint Report Bangkit 2023

Product-based Capstone

Project Name: Cat Health Expert System Application

Project Themes: Human Healthcare and Living Wellbeings

Team ID: C23-PS430 Project

Team Members:

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Project Schedule (based on project plan):

Machine Learning	Cloud Computing	Mobile Development
<ul style="list-style-type: none"> Explore dataset Analyzing Data Building ML model Training model Deployment 	<ul style="list-style-type: none"> Cloud storage API Development Building infrastructure for ML model Building VM for testing Deployment 	<ul style="list-style-type: none"> Slicing Design to Flu er Google Maps API Implementation Machine learning Model Implementation Backend Integration

Tasks		May																June															
		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Initiation	Product Brainstorming																																
	Requirements Analysis																																
	Creating Flowchart																																
	Explore dataset																																
Design	App Architecture Design																																
	UI / UX Design																																
Development	Building ML Model																																
	Building API																																
	Developing App for android																																
	Preparing cloud, Infrastructure Cloud and adding a cloud backend																																
Final	Product Testing																																
	Maintenance																																
	Final Evaluation																																
	Presentation Video																																

Project Progress Description:

We have made significant progress in various areas of the project. In the Cloud Computing Pathway, we have completed the task of creating the Database List and API List (design), as well as developing the List and Login API and Content API, which are currently underway. For the Machine Learning Pathway, we have successfully acquired and trained datasets and models, and we are currently working to improve their accuracy. In the Mobile Development Pathway, we have completed the Login and Registration pages and are now focusing on integrating the API connections for login, register and the main page. We have not yet started the tasks of implementing ML models and ChatGPT API in the Cloud Computing Path and implementing models with real-time chat with doctors and article search features in the Mobile Development Path. We are constantly working on optimizing the available time and resources to achieve the project goals with efficiency. For Mobile Development path we have done make for login, register, end dashboard view and connected with api.

If the complete capstone is 100%, tell us how many percent of your group's project has been completed?

Please describe the reason for your percentage.

Based on our progress description, approximately 45% of our group's project has been completed. This estimation is based on the completion of tasks such as creating the List Database, API List, Login and Registration page, and

