



## 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> <li>Explore dataset</li> <li>Analyzing Data</li> <li>Building         ML model</li> <li>Training model</li> <li>Deployment</li> </ul>	<ul> <li>Cloud storage</li> <li>API Development</li> <li>Building         infrastructure for         ML model</li> <li>Building VM         for         testing</li> <li>Deployment</li> </ul>	<ul> <li>Slicing Design to Flu er</li> <li>Google Maps API Implementation</li> <li>Machine learning Model Implementation</li> <li>Backend Integration</li> </ul>

Tasks		May June																				
		15		18	21	21		25		27		1		4	100	7		10		13		16
Initiation	Product Brainstorming					Г	Г	П		П		7						Г		П	Г	Г
	Requirements Analysis	Г	Г					П		П		٦								Г	Г	Г
	Creating Flowchart	П	Г	П				П		П		٦							Г	Г	Г	Г
	Explore dataset	Т	Г					П		П	T	٦					Г	Г	Г	Г	Г	Г
Design	App Architecture Design		Γ	П		П						1	П	П					Г	П		Г
	UI / UX Design	Т	Г	П		Г	Г	П											Г	П	Г	Г
Development	Building ML Model	Т	Γ	П		П		П							0.0				Г	П	Г	Г
	Building API	П	Г	П			Г	П			1				"				Г	Г	Г	Г
	Developing App for android	Ī						П											Г			
	Preparing cloud, Infrastructure Cloud and adding a cloud backend							П														
Final	Product Testing	Т	Γ	П	П	Г	Г	П		П	T	٦		П						Г	Г	Г
	Maintenance	Т	Г	П	Г	Г	Г	П		П		┪	П	П			Г	Г	Г		Г	Г
	Final Evaluation	Т	Г	П		Г	Г	П	ī	П	T	7		П								
	Presentation Video	Т	Г	П		Г	Г	П		П	7	7	П						Г			

### **Project Progress Description:**

We have made sigin cant 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 e ciency. 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





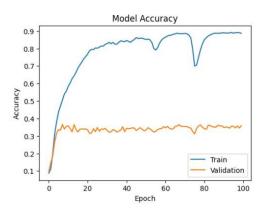
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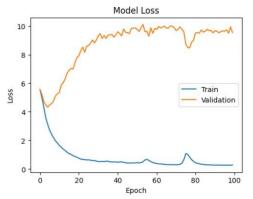
acquiring/training the dataset and model. However, several crucial tasks are still in progress, including improving the model's accuracy and integrating API connections. Additionally, there are signi cant tasks that have not been started yet, such as deploying the ML model and ChatGPT API, and implementing real-time chat with doctors and the article search feature.

## Please a ach your supporting evidence.

Link github: h ps://github.com/ChiefAdit/Bangkit h ps://github.com/rickyromansyah2045/halocat-backend-go.git ML

Progress (train a model)





## CC Progress (Register and Login API)





## MD Progress (Login and Register pages)



