

Progress Report

Product-based Capstone Project

Project Name : NutriGenius

Team ID : CH2-PR635

Team Member :

1. (ML) M302BSY0936 - Fiqri Rasyidiq (Active)
2. (ML) M214BSY1912 - Muhammad Ahnaf Zalfa (Active)
3. (MD) A314BSY2063 - Teuku Nurmansyah Puteh (Active)
4. (MD) A698BSY2090 - Bintang Ramadhan (Inactive)
5. (CC) C156BSX3410 - Rizki Santriani (Active)
6. (CC) C676BSY3624 - As'ad Reza Amaanullah (Active)
7. (CC) C006BSY3921 - Pieter Rafael Johansz (Active)

Project Schedule (based on project plan):

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| Week | Date | PATH | | | PIC | Desc |
|------------------|------------------|--|--|--|--------------------------------|---|
| | | Machine Learning | Mobile Development | Cloud Computing | | |
| Week 1 (Done) | 20 November 2023 | Discussion, preparation of tools and division of tasks | Discussion, preparation of tools and division of tasks | Discussion, preparation of tools and division of tasks | All Member | GDocs |
| | 21 November 2023 | Data preparation | Design Application UI with Figma | Make an API for accessing the nutrition articles | - Teuku - Reza - Fiqri | - Google Collab - GitHub - IntelliJ IDEA - Spring Boot - Figma |
| | 22 November 2023 | Data preparation | Design Application UI with Figma | Make an API for accessing the nutrition articles | - Pieter - Teuku - Ahnaf | - Google Collab - GitHub - IntelliJ IDEA - Spring Boot - Figma |
| | 23 November 2023 | Image Augmentati on | Design Application UI with Figma | Make an API for accessing the nutrition articles | - Ahnaf - Reza - Teuku | - Google Collab - GitHub - IntelliJ IDEA - Spring Boot - Figma |
| | 24 November 2023 | Image Augmentati on | Implement Design to android app layout | Make an API for accessing the nutrition articles | - Pieter - Teuku - Fiqri | - Google Collab - GitHub - IntelliJ IDEA - Spring Boot - Figma |
| Week 2 (Done) | 27 November 2023 | Modeling | Implement Design to android app layout | Make an API for scanning the available food | - Reza - Teuku - Ahnaf | - Google Collab - GitHub - IntelliJ IDEA - Spring Boot - Android Studio |

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| | 28 November 2023 | Modeling | Implement Design to android app layout | Make an API for scanning the available food | - Pieter - Fiqri - Teuku | - Google Collab - GitHub - IntelliJ IDEA - Spring Boot - Android Studio |
| | 29 November 2023 | Modeling | Setup Retrofit Config and API service for get data from API | Make an API for scanning the available food | - Reza - Ahnaf - Teuku | - Google Collab - GitHub - IntelliJ IDEA - Spring Boot - Android Studio - Retrofit |
| | 30 November 2023 | Modeling | Setup Repository, ViewModel, and LiveData | Make an API for scanning the available food | - Pieter - Fiqri - Teuku | - Google Collab - GitHub - IntelliJ IDEA - Spring Boot - Android Studio - Android Jetpack Compose |
| | 1 Desember 2023 | Model Deployment | Setup Repository, ViewModel, and LiveData | Test API | - Ahnaf - Reza - Teuku | - IntelliJ IDEA - Spring Boot - Postman - Android Studio - Android Jetpack Compose |
| Week 3 (Half-Done) | 4 Desember 2023 | Path Team Meeting 1 | Setup Repository, ViewModel, and LiveData | Test API | - ML Member - Reza - MD Member | - Google Meet - IntelliJ IDEA - Spring Boot - Postman - Android Studio - Android Jetpack |

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| | | | | | | Compose |
| | 5 Desember 2023 | Group Meeting | Group Meeting | Group Meeting | All Team Member | Google Meet |
| | 6 Desember 2023 | Model Evaluation | Setup Android Activity | Make logon attempting and monitoring API | - Pieter - Ahnaf - MD Member | - Google Collab - GitHub - IntelliJ IDEA - Spring Boot - Swagger 2.0 - Android Studio - Android Library |
| | 7 Desember 2023 | Model Evaluation | Setup Android Activity | Make logon attempting and monitoring API | - Reza - Fiqri - MD Member | - Google Collab - GitHub - IntelliJ IDEA - Spring Boot - Swagger 2.0 - Android Studio - Android Library |
| | 8 Desember 2023 | Model Evaluation | Setup Android Activity | Make logon attempting and monitoring API | - Pieter - Ahnaf - MD Member | - Google Collab - GitHub - GCP - Android Studio - Android Library |
| Week 4 | 11 Desember 2023 | Model Deployment | Application Testing | Setup Deployment | - Reza - Fiqri - MD Member | - GCP - Cloud Storage & SQL Library - Android Studio - Android Library |

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| | 12 Desember 2023 | Path Team Meeting 2 | Bug Fixing | Setup Deployment | - ML Member - Pieter - MD Member | - Google Meet - GCP - Cloud Storage & SQL Library - Android Studio - Android Library |
| | 13 Desember 2023 | Group Meeting | Group Meeting | Group Meeting | All Team Member | Google Meet |
| | 14 Desember 2023 | Model Evaluation | Application Testing | Complete static file | - Reza - Ahnaf - MD Member | - Google Collab - GitHub - GCP - Postman |
| | 15 Desember 2023 | Model Evaluation | Bug Fixing | Complete static file | - Pieter - Fiqri - MD Team | - Google Collab - GitHub - GCP - Postman |
| Week 5 | 18 Desember 2023 | Model Evaluation | Evaluation | Complete static file | - Reza - Ahnaf - MD Member | - Google Collab - GitHub - GCP - Postman |
| | 19 Desember 2023 | Model Deployment | Evaluation | Complete static file | - Pieter - Fiqri - MD Member | - GCP - Postman |
| | 20 Desember 2023 | Final Path Team Meeting | Final Path Team Meeting | Final Path Team Meeting | All Team Member | Google Meet |
| | 21 Desember 2023 | Project Presentation Preparation | Project Presentation Preparation | Project Presentation Preparation | All Team Member | Google Meet |

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| | 22 Desember 2023 | Project Presentatio n Preparation | Project Presentatio n Preparation | Project Presentatio n Preparation | All Team Member | Google Meet |
|--|---------------------------------|--|--|--|--------------------|-------------|

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Project Progress Description:

-Tasks that are done

- > Making the Mock-Up User Interface of the Application, Design Application UI with figma
- >Deciding what main features are going to be on the Application
- >Deciding which main feature is going to utilize the Machine Learning Method
- > Data preparation
- > Making an API for accessing the nutrition articles

-Tasks that are on progress

- >Deciding which methods that are going to be used to evaluate a kid's nutrition condition
- >Image augmentation
- >Modeling implement design to Android app layout
- >Creating an API for scanning the available food and improving the utilities of it

-Tasks that not done yet

- >Creating a deployment model
- >Setting up a repository
- >View model and live data setup
- >Testing the 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.

At the time of reporting, project progress should have reached at least 50% of the total project scope

The project is at 65% completion due to successful completion and ongoing work on foundational tasks, including UI design and data preparation. The current percentage reflects the iterative and time-intensive nature of tasks like machine learning integration and ongoing development. The upcoming initiation of critical components like deployment setup is expected to significantly propel the project forward towards its final phases. The team is on track for successful completion, with key milestones in view.

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Please attach your supporting evidence.

