Automated Class Attendance System

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Highlights

The barcode scanner is functional using android studio to create it. It takes a while to process the barcode but we believe that proof of concept should be sufficient. If not we would have to get a physical barcode scanner for more accuracy.

The timetable data was received and we have to try to see what we can do to process it in the format they gave us.

Risk or Issue

* Our markers may not like the idea that the barcode takes a while to scan
* If we cannot process the timetable format given we will have to ask for another

Description

-In order to have a database on which we would use as our data entry we would need to have access to course / lecturer / tutor / student information

Status

-Ongoing

-Ongoing

Task in progress / Completed

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| --- | --- | --- | --- |
| Task Name | Description | Who worked on it | % Complete |
| Timetable data received | We were able to get the timetable data from the timetable office in a sql format. We are still trying to see how we can use that format to process the timetable | All |  |
| Create layout of page | Layout need to be refactored as a better design may be needed | Rondell |  |
| Create barcode scanner | The barcode scanner was created using android studio. It currently works and the data scanned is being pushed to firebase. | Kerschel | 90% The database of the students’ registration need to be hosted on the rest api for the app to pull the data from a server rather than store locally on the device |

Upcoming Task for Next Iteration

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| --- | --- | --- |
| Task Name | Description | Who will work on it |
| Have the website functional with more than just the layout | More work is needed to be done on the webpage since only a, angular layout was done on it (routes). | Rondell |
| Try to get the timetable database in a way we can use and try to use it | We may need to revisit the timetable office and ask for a different format of timetable if the sql we got is not useable. | Gerard |