# Title:

Project Management Mission

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Team: Count Dooku

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# Progress Report

For holding the meetings and discussion, we have used Discord to communicate with the team.

***1: Meeting group:***

***Date: 12/02/2021 - 18:00 to 19:00***

Agendas:

We discussed the project idea and which missions were allocated. We have completed the skill audits.

* Anthony- Started working on the Baseline implementation solution.
* Gabriela – Started to working on the project ideation.
* John- Focusing on Intelligent system assessment as due soon.
* Navil- Started Project Management documentation.

***2: Meeting group:***

***Date: 25/02/2021 - 18:00 to 19:00***

Agendas: Discussing what datasets are best suitable for the project.

* Anthony- Model Neural network using the datasets from Kaggle. Also, [Nuerohive repository was used](https://neurohive.io/en/popular-networks/vgg16/) for the lung detection datasets.
* Gabriela – Working on the solution/mission and review the mission.
* John- Started working on Ethical Evaluation.
* Navil- Starting the solution design - Estimate completion date: 25th of April.

***3: Meeting group:***

***Date: 05/04/2021 - 16:00 to 17:00***

Agendas: We have all agreed to go with the Pneumonia dataset as it relates to lung cancer the most.

* Anthony- Finished the four models and the accuracy is tested against 624 images belonging to 2 classes
* Gabriela- Writing up solution Review and project ideation
* John- Reading ethics and writing up the ethical discussion
* Navil- Finished the initial Project Management documentation but still needs updating as other group members are still doing their missions

***4: Meeting group:***

***Date: 26/04/2021 - 16:00 to 17:00***

Agendas: Reviewing where we at with mission and what are we going to do next.

* Anthony- Finished the baseline implementation and testing the accuracy
* Gabriela- Finished project ideation and working on solution Review
* John- Finished working on ethics and working on testing
* Navil- Finished working on the solution design documentation

***5: Meeting group:***

***Date: 09/05/2021 - 16:00 to 17:00***

Agendas: Handing in the work and checking over for amendments.

* Anthony- Finished working the User interface
* Gabriela- Finished Working on solution review documentation
* John- Finished working on solution testing documentation
* Navil- Finished working on the solution design documentation

***6: Meeting group:***

***Date: 10/05/2021 - 18:00 to 19:00***

Agendas: Adding any final amendments and submitting it to GitHub.

* Anthony- Checking and submitting the final version of the work
* Gabriela- Checking and submitting the final version of the work
* John- Checking and submitting the final version of the work
* Navil- Checking and submitting the final version of the work

# Code of Conduct

This document is the basis that the group will work from. In the case of any disputes the group will refer to this document in order to resolve them. If there is any ambiguity the dispute will be resolved by the project manager and this document will be updated and redistributed. All team members are expected to have signed and be aware of the contents of the most recent code of conduct. It will also serve to outline the roles and responsibilities of each member in the team.

* Be punctual, this includes to team meetings, team group work sessions and any other organised team activity.
* If you are unable to attend group meetings after they have been organised you are required to give prior notice to the chair of that meeting. It will then be his responsibility to decide a suitable date/time to move the meeting to.
* If there is a disagreement amongst the team in terms of group work then a vote will be held, with the group going with the majority. In the event of a tie, the decision will be made by the Project Manager.
* Team members are expected to be courteous and open-minded to ideas from everyone within the team.
* If two team members have a conflict they should aim to resolve it amongst themselves in the first instance, if this is not possible they should speak to the Project Manager. If the issue is still unresolved then it may be necessary to resort to the teaching staff.
* The group will meet at least once a week.
* Agendas for the group meetings will uploaded on the Discord #Meetingday channel at least 24 hours before the meeting.
* Meeting minutes will be uploaded on to the Discord #Meetingday channel no later than 24 hours after the meeting has ended.
* It is the accountability of the Project Manager to make sure that this document is followed.
* [Must agree to follow the Northumbria Universities student code of conduct](https://www.northumbria.ac.uk/governance/terms-and-conditions/)

This Code of Conduct will likely be updated throughout the duration of this group project. Group members will be notified if/when this happens and will be expected to sign the most recent Code of Conduct. Failure to do so will result in the individual being reported to a member of teaching staff on the module.

­­­­­­­­­­­­­Date and Signature:

Navil: \_\_Navil\_\_ / Date: \_\_09/05/21\_\_

Anthony : \_\_Anthony\_\_\_ / Date: \_\_09/05/21\_\_

Gabriella: \_\_Gabriella\_\_ / Date: \_\_09/05/21\_\_

John: \_\_John\_\_\_ / Date:\_\_09/05/21\_\_

# Risk Analysis

We haven’t come across any major issues when completing this project since it was published as we constantly kept in touch. However, there was some slight issues that appeared which was mitigated. This is shown below:

Risk levels: High, Moderate, Low

|  |  |  |  |
| --- | --- | --- | --- |
| Risk | Level | Action | Mitigation |
| Models are missing | High | Information is still being delivered to user but cannot locate the model | Activate the model by providing conditions for ModelsAreFetched variable |
| Different size of image used | Moderate | Models should classify pneumonia and no pneumonia present images | Correcting the size of image to match the classification |
| Server handling unexpected requests | High | Server ignored the requests | Should break connection on first invalid request |
| GUI not working | High | GUI wasn’t showing clear results of the images of pneumonia | Creating new tests to provide results to the user |

# Skill Audits

The Project Manager has already completed and submitted the skill audits for each of the team members. This was submitted on the 19th of February.

# Task Management

|  |  |  |
| --- | --- | --- |
| Tasks: | Description: | MoSCoW: |
| Anthony’s Mission: Baseline Implementation | Setting a benchmark for performance and test the infrastructure to see how the solution can be improved. | MUST |
| Anthony’s Mission: User Interface | Creating a solution that user can interact in simplistic way. | MUST |
| Navil’s Mission: Solution Design | Designing the solution for to be created | MUST |
| John’s Mission: Ethical Evaluation | Write an Ethical review to see if the solution created can be used in the real world and how it will affect it. | MUST |
| John’s Mission: Solution Testing | Involves stressing the model with a variety of data inputs, and should ultimately lead to a more robust model. | MUST |
| Gabriella’s Mission: Project Ideation | The project ideation will include a project statement, outlining what we plan to create. | MUST |
| Gabriella’s Mission: Solution Review | This mission will require to identify suitable comparisons and explain why they are fair or not. | MUST |

# Master Schedule

|  |  |  |
| --- | --- | --- |
| Name: | Tasks: | Milestone dates: |
| Navil | Project Management | 05-04-21 (Still updating as other missions are ongoing) |
| Gabriella | Project Ideation | 20-04-21 |
| Navil | Solution Design | 25-04-21 |
| Anthony | Baseline Implementation | 30-04-21 |
| Gabriella | Solution Review | 09/05/21 |
| Anthony | User Interface | 09/05/21 |
| John | Solution Testing | 10/05/21 |