Skin Cancer Classifier using Dermatoscopic Images of Pigmented Lesions - Individual Final Report -

1. Individual Contribution and Responsibilities

Valentina Manferrari	Meha Gupta	Ines Bosch-Alfonso	Samarth Sinha
25%	25%	25%	25%

I believe that our team evenly split the project tasks and evenly contributed to the final outcome. My contributions were as follows:

1. My most notable contribution has been the **training of the Resnet 18** model which has then been chosen as our final model for the project. I have also **tested it** and compared it over the performance of the baseline model (100% my work)
2. **Research and selection of the dataset** (33% split with ines and Meha since Samarth was not in the team yet). Assisted in the data loading and processing.
3. **Main drafts** for 'Ethical Considerations" and 'Project Plan' and 'Risk Register' in the Project Proposal.
4. Graphics design of **presentation slides** and content creation for 'Data Processing' slide for the final presentation.
5. **Main drafts** for 'Data processing' and 'Ethical Considerations' in the Final Report.
6. Design of all the **illustrations** for the project. (100% my work)
7. Overall **editing** of reports. (25% each)

Table 1 also describes all the tasks scheduled and that were <u>all successfully completed</u> for the project.

Table 1: Project management planning

Team Member	Task	Internal Deadline	Completion
Valentina	Draft for Ethical Considerations and Risk Register	02/09/2021	Done
Ines	Draft for Introduction and Data processing	02/09/2021	Done
Meha	Draft for Background and Related Work	02/09/2021	Done
Samarth	Joined late due to partners dropping out. Minor draft editing.	02/11/2021	Done
Team	Final Revision of Project Proposal	02/12/2021	Done
Ines, Meha, Valentina	Data Loading	02/26/2021	Done
Ines	Develop baseline model	03/05/2021	Done
Meha	Develop an train Deep CNN - AlexNet	03/19/2021	Done
Valentina	Develop an train Deep CNN - Resnet 18	03/19/2021	Done
Samarth	Develop and train Deep CNN - Resnet 50 & 101	03/19/2021	Done
Ines, Meha, Valentina, Samarth	Complete Progress Report	03/22/2021	Done
Team	Test Deep CNN & Compare with Baseline	03/26/2021	Done
Team	Complete Final Report and Presentation Slides	04/03/2021	Done
Team	Recording of Final presentation	04/04/2021	Done
Team	Final presentation Q&A	04/06/2021-04/08/2021	Done