# KF5012 Team Proposal and Skills Audit (AI Version)

Please complete this template and submit via Blackboard before the end of Week 4.

## Team Name: Dilston

If you do not choose a team name, one will be chosen for you. Please do not choose anything offensive.

## Team Members and mission assignment:

Each team member takes solo responsibility for two missions, or one double mission (in which case leave mission 2 blank). It is suggested that you do the skills audits first in order to help you decide responsibilities.

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **ID** | **Mission 1** | **Mission 2** |
| Pawel Lasota | W21003524 | Project Management | Project Ideation |
| Jack Welch | W19017366 | Baseline Implementation | Solution Testing |
| Charlie Jack | W21015849 | Solution Review | User Interface |
| Josh Marfleet | W20013299 | Solution Design | Ethical Evaluation |

## Team Missions:

Your team also needs to take responsibility for the double mission Iterative Development.

|  |
| --- |
| Team Mission (Double) |
| Iterative Development |

## Brief outline of AI idea:

We would like to do facial recognition using existing image data sets which we will be able to use to recognise people. This will be used in the context of a school attendance register where we will have a simple user interface which will mark people in when they have been recognised.

# Skills Audit:

Each team member should complete one of the skills audit tables below. Then the Project Manager should amalgamate the results in the final table and give a very short commentary on the team strengths and weaknesses.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Student name: Pawel Lasota |  |  |  |  |  |
| Skill | I do not know how to do this | I have some idea how to do this, but need to develop my skills | I can do this, but need more practise | I am comfortable doing this | I am skilled in this |
| Score | 1 | 2 | 3 | 4 | 5 |
| Written Communication |  |  |  | Checkmark with solid fill |  |
| Literature Reviewing |  |  |  |  | Checkmark with solid fill |
| Programming (general) |  |  |  | Checkmark with solid fill |  |
| Programming AI applications |  |  | Checkmark with solid fill |  |  |
| Creative problem solving |  |  |  | Checkmark with solid fill |  |
| Solution design description |  |  | Checkmark with solid fill |  |  |
| Iterative development of AI |  | Checkmark with solid fill |  |  |  |
| Solution testing |  | Checkmark with solid fill |  |  |  |
| Project Management |  |  |  |  | Checkmark with solid fill |
| Maths for AI |  |  | Checkmark with solid fill |  |  |
| Critical Evaluation |  |  |  | Checkmark with solid fill |  |
| API design and creation |  | Checkmark with solid fill |  |  |  |
| UI design and creation |  |  | Checkmark with solid fill |  |  |
| Putting forward suggestions in team meetings |  |  |  | Checkmark with solid fill |  |
| Putting forward suggestions by email/text/etc |  |  |  |  | Checkmark with solid fill |

## Brief Commentary on Strengths and Weaknesses.

I am an individual with high expectations. I love having control over work due to these expectations, ensuring that the work is high quality. This is why I am extremely happy with managing this project and ensuring that the team is performing well. I am very confident with literature review, having done this in the past quite well. Programming wise, I do like doing it and therefore learn quite quickly and I am confident with this as well. When it comes to my weaknesses, I am not good with design, I am not an individual that likes doing the design aspect and therefore it is my weakness, hence, I have not decided to do missions such as user interfaces and left it to team members who are good at designing. Apart from that, I am very open-minded and extremely happy to having control over the project.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Student name: Jack Welch |  |  |  |  |  |
| Skill | I do not know how to do this | I have some idea how to do this, but need to develop my skills | I can do this, but need more practise | I am comfortable doing this | I am skilled in this |
| Score | 1 | 2 | 3 | 4 | 5 |
| Written Communication |  |  | Checkmark with solid fill |  |  |
| Literature Reviewing |  |  |  | Checkmark with solid fill |  |
| Programming (general) |  |  |  | Checkmark with solid fill |  |
| Programming AI applications |  |  |  | Checkmark with solid fill |  |
| Creative problem solving |  |  | Checkmark with solid fill |  |  |
| Solution design description |  |  |  | Checkmark with solid fill |  |
| Iterative development of AI |  |  |  | Checkmark with solid fill |  |
| Solution testing |  |  |  | Checkmark with solid fill |  |
| Project Management |  |  | Checkmark with solid fill |  |  |
| Maths for AI |  |  | Checkmark with solid fill |  |  |
| Critical Evaluation |  |  |  | Checkmark with solid fill |  |
| API design and creation |  |  | Checkmark with solid fill |  |  |
| UI design and creation |  |  |  | Checkmark with solid fill |  |
| Putting forward suggestions in team meetings |  |  |  | Checkmark with solid fill |  |
| Putting forward suggestions by email/text/etc |  |  | Checkmark with solid fill |  |  |

## Brief Commentary on Strengths and Weaknesses.

I’ve had experience in writing and analysing reports and other educational materials. I’ve had experience in graphical design and UI and UX creation and management for programming and design projects. I’ve had 7 years of programming experience and computer science projects. I’ve worked on a range of projects and have managed a couple I’ve had experience of working on projects from start to completion with ideation and evaluation being a couple of aspects I’ve worked on extensively.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Student name: Charlie Jack |  |  |  |  |  |
| Skill | I do not know how to do this | I have some idea how to do this, but need to develop my skills | I can do this, but need more practise | I am comfortable doing this | I am skilled in this |
| Score | 1 | 2 | 3 | 4 | 5 |
| Written Communication |  |  |  | Checkmark with solid fill |  |
| Literature Reviewing |  |  |  | Checkmark with solid fill |  |
| Programming (general) |  |  | Checkmark with solid fill |  |  |
| Programming AI applications |  | Checkmark with solid fill |  |  |  |
| Creative problem solving |  |  | Checkmark with solid fill |  |  |
| Solution design description |  |  |  | Checkmark with solid fill |  |
| Iterative development of AI |  | Checkmark with solid fill |  |  |  |
| Solution testing |  |  | Checkmark with solid fill |  |  |
| Project Management |  |  | Checkmark with solid fill |  |  |
| Maths for AI |  | Checkmark with solid fill |  |  |  |
| Critical Evaluation |  |  |  | Checkmark with solid fill |  |
| API design and creation |  |  | Checkmark with solid fill |  |  |
| UI design and creation |  |  |  | Checkmark with solid fill |  |
| Putting forward suggestions in team meetings |  |  |  | Checkmark with solid fill |  |
| Putting forward suggestions by email/text/etc |  |  | Checkmark with solid fill |  |  |

## Brief Commentary on Strengths and Weaknesses.

In terms of strengths, I’m more dialled towards public speaking and sharing opinions on specific subjects I can give positive input. From past experiences of writing evaluations/reviews I can write one to a decent standard hence why I’d like to do solution descriptions also I think doing a user interface will benefit a group significantly since I’m good with user interfaces and I’m happy to do UI design for the application.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Student name: Josh Marfleet |  |  |  |  |  |
| Skill | I do not know how to do this | I have some idea how to do this, but need to develop my skills | I can do this, but need more practise | I am comfortable doing this | I am skilled in this |
| Score | 1 | 2 | 3 | 4 | 5 |
| Written Communication |  |  |  | Checkmark with solid fill |  |
| Literature Reviewing |  |  |  | Checkmark with solid fill |  |
| Programming (general) |  |  |  | Checkmark with solid fill |  |
| Programming AI applications |  | Checkmark with solid fill |  |  |  |
| Creative problem solving |  |  | Checkmark with solid fill |  |  |
| Solution design description |  | Checkmark with solid fill |  |  |  |
| Iterative development of AI |  | Checkmark with solid fill |  |  |  |
| Solution testing |  |  | Checkmark with solid fill |  |  |
| Project Management |  |  | Checkmark with solid fill |  |  |
| Maths for AI |  | Checkmark with solid fill |  |  |  |
| Critical Evaluation |  |  |  | Checkmark with solid fill |  |
| API design and creation |  |  |  | Checkmark with solid fill |  |
| UI design and creation |  |  |  | Checkmark with solid fill |  |
| Putting forward suggestions in team meetings |  |  |  | Checkmark with solid fill |  |
| Putting forward suggestions by email/text/etc |  |  |  | Checkmark with solid fill |  |

## Brief Commentary on Strengths and Weaknesses.

I would say that my greatest strengths would be to do with the UI and UX design process and the documentation of the creation process and the final finished project. While I am capable of programming AI applications, I feel not that confident in this area and feel like there is plenty of room for improvement, this is also the case for the iterative development of AI and the maths needed for AI. I feel that I can do general programming well and I am confident and comfortable doing this. I feel that another strong area for me is for effective communication within my team, I am comfortable communicating with a team and am comfortable to put my own ideas forward whether this be in a physical setting or over email or a virtual meeting.

## Skills Audit Summary:

Use scores (1-5) from individual skills audits

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Team member 1 | Team member 2 | Team member 3 | Team member 4 |
| Written Communication | 4 | 3 | 4 | 4 |
| Literature Reviewing | 5 | 4 | 4 | 4 |
| Programming (general) | 4 | 4 | 3 | 4 |
| Programming AI applications | 3 | 4 | 2 | 2 |
| Creative problem solving | 4 | 3 | 3 | 3 |
| Solution design description | 3 | 4 | 4 | 2 |
| Iterative development of AI | 2 | 4 | 2 | 2 |
| Solution testing | 2 | 4 | 3 | 3 |
| Project Management | 5 | 3 | 3 | 3 |
| Maths for AI | 3 | 3 | 2 | 2 |
| Critical Evaluation | 4 | 4 | 4 | 4 |
| API design and creation | 2 | 3 | 3 | 4 |
| UI design and creation | 3 | 4 | 4 | 4 |
| Putting forward suggestions in team meetings | 4 | 4 | 4 | 4 |
| Putting forward suggestions by email/text/etc | 5 | 3 | 3 | 4 |

## Brief Commentary on Team Strengths and Weaknesses.

I think as a team, there is a balanced skill gap between all the different aspects of computing. I think the biggest weakness of our team is certainly AI aspects such as AI programming, maths for AI and iterative development for AI. However, I think that these biggest weaknesses are due to the fact that as a team, this is our first time creating an AI based project and this issue is probably not as important as we learn more during the module. Other than that, I think everyone has their own individual strengths and weaknesses which balance out the team quite well. For example, when it comes to design, two people reported not being good at designing but the other two reported being quite good at design. While others will have their own strengths such as literature writing or managing the project. In theory, the teamwork should be efficient as it has been reported that everyone individually in the team has high points for communication and putting forward suggestions which is one of the most important aspects of working as a team.