**COMP7240 Group Project**

**Participation Form**

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| --- | --- | --- | --- | --- | --- |
|  | **Student ID** | **Student Name** | **Actual workload (clearly specify your contribution to this group project)** | **Percentage** | **Signature** |
| Member 1 | 23435690 | Suen Shui Yan | I was primarily responsible for the overall design and integration of the recommendation algorithms used in our system. This included the implementation and testing of the Singular Value Decomposition (SVD), KNN and content-based filtering models, as well as proposing the addition of a neural network-based recommender to enhance our system’s accuracy. Additional contribution was the introduction of the "Visual Insights" feature which integrates advanced visualization tools to graphically display the underlying reasons behind recommendations. This feature uses interactive graphs to show how different factors, such as user preferences and item characteristics, influence the recommendation outcome. | 34 |  |
| Member 2 | 23460407 | Wong Wai Hong | My role involved the backend implementation of our recommender system. I focused on ensuring that the data flow between our databases and the recommendation engines was efficient and secure. I also implemented the models based on the designs provided by my teammates, ensuring that they were correctly integrated into our overall system architecture. | 33 |  |
| Member 3 | 23432985 | Zhang Hanyang | I was responsible for developing the front-end interface of our recommender system, including the implementation of the user interaction components such as the questionnaire. My focus was on ensuring a seamless and intuitive user experience, which involved regular testing and refinement of the UI/UX designs based on user feedback. | 33 |  |
| Member 4 (if any) |  |  |  |  |  |
|  |  |  |  | Total: 100% |  |

Date: