CMPS 312- Mobile App Development

**Final Exam**

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| **Student Name** |  |
| **Student Id** |  |
| **Email** |  |

**Grading Rubric - - In the *Functionality* column please specify either: *Working (completed x%)*, *Not Working (completed x%)* or *Not done*.**

**Grading Rubrics**

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| --- | --- | --- | --- | --- |
| [ | % | Functionality\* | Quality of the implementation | Score |
| **Entity-Relations (Total: 10%)**  -Created two Entity classes, Genre and Movie, with proper annotations as outlined in Figure 1.  -IDs is auto-assigned, and foreign key annotations with cascade delete and update are added. | 10 |  |  |  |
| **FilmFusionDao Interface and FilmFusionDatabase (Total: 30%)**  -Created the database class and **FilmFusionDao** Interface with necessary functions and annotations | 30 |  |  |  |
| **FilmFusionRepository**  -Implemented the FilmFusionRepository with all necessary methods listed in Task | 10 |  |  |  |
| **FilmFusionViewModel**  -Created the FilmFusionViewModel to manage the interaction between the UI and the repository for order and movie data,  -Provided Flows and Observable data,  -Handled user inputs and interactions, ensure proper validation and data integrity. | 20 |  |  |  |
| **App UI and Navigation**  Connected the App UI with the database and made all the functionalities of the app work including the App Navigation | 30 |  |  |  |
| Total | 100 |  |  |  |
| Provide screenshots in *testing.docx* |  |  | *[-10pts if missing]* |  |

**Possible grading for functionality**:

* ***Complete and Working*** (get 70% of the assigned grade),
* ***Complete and Not working*** (lose 40% of assigned grade)
* ***Not done*** get 0.
* The remaining grade is assigned to the quality of the implementation.
* Must submit screenshots in this **Testing-GradingSheet.docx** (otherwise - 10pts).