| **Task/Activity** | **Amr Ayman** | **Yousef Wael** | **Seifallah Mohamed** |
| --- | --- | --- | --- |
| Requirement Analysis | R01-R13 | none | none |
| Design | SQL tables creation and insertion:  Movie  Booking  Cinema\_shows  Cancel booking | SQL tables creation and insertion:   * Theatre\_shows * Snacks\_and\_beverages | * ERD * Relational Schema |
| Coding | Book\_item  Cancel booking  Add movie | Theatre\_shows  Snacks\_and\_beverages  Database backend connection in older version using CSS/HTML | Manual Test Cases |
| User interface (Prompt engineered) | Chain of thoughts and few shot learning to Claude to generate the UI of custom tinkter | Produced UI of HTML/CSS in older version | none |
| Testing | * Automated Testing of 9 functionalities using Pytest library. * Manual testing of basic functions such as login and database connection functionalities. | Manual testing of the core requirements | Manual testing of core requirements |
| Documentation | * SQL requirement matrix * Automated testing report | Requirements VS test cases report | * Manual Test Cases * Risk Plan |
| Presentation Prep | Challenges Faced | Demo | Presentation outline |

**Tasks Matrix**