**COMPX225 Project Deliverable 1 Report Template**

**Group Name:**

**Contribution table**

Please specify the contribution (in percentage) each group member has made.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Part 1 | Part 2 | Part 3 | Part 4 |
|  | 0% | 0% | 0% | 0% |
|  | 0% | 0% | 0% | 0% |
|  | 0% | 0% | 0% | 0% |

**Note:** Each group member is supposed to contribute to all four parts of Deliverable 1. You will not get any marks for a part on which you didn't do any work.

**Part 1: ER Diagram (40 points)**

Task 1: Draw the ER Diagram of the database that consists of entities, attributes, relationships and cardinalities, and underline the attribute(s) that will be used as primary key

Task 2. Explain the attributes that are not self-explanatory, for example, attributes with unclear names, that will be normalised, or have constraints on the values.

**Part 2: Relational Model (10 points)**

Task: Create the relational model from the ER diagram developed in Part 1. Make sure to (1) underline primary keys, (2) point out the foreign keys and the relations they reference.

**Part 3: MySQL Code (30 points)**

Task 1: Convert the relational model in Part 2 to SQL tables. Make sure to use appropriate data types, specify the primary and foreign keys, and include sensible check constraints.

Task 2: Insert at least four rows into all tables. Show the results.

**Please submit all MySQL statements written for Part 3 Task 1-2 in a *.sql* file and only show the results (inserted as images) in the report.**

**Part 4: Wireframes (20 points)**

Task 1: Create wireframes for the website for the customer-based requirements.

Task 2: Explain any UI/UX features that are not self-explanatory.

Wireframes example

