CPSC 304 Formal Specifications Checklist

1) (5 points) >= 5 entities with correct primary keys and candidate keys

2) (5 points) >= 5 relationships with correct cardinality and participation constraints

3) (5 points) correct translation of entities and relationships into tables, with correct primary keys and foreign keys

4) (5 points) correctly identify functional dependencies, candidate keys for all tables

5) (5 points) correct normalization, or at least correctly stating that tables are in 3NF or BCNF along with relevant information

6) (5 points) translation into SQL DLL for table creation

7) (5 points) correct instances of tables with >= 5 tuples inserted

8) (5 points) >= 10 functionality specifications

9) (5 points) >= 1 interesting functionality specifications that requires a moderately sophisticated SQL statement to update part of the database

10) (5 points) >= 1 interesting functionality specifications that requires a moderately sophisticated SQL statement to query (depending on the user's input) part of the database

11) (5 points) specify the platform to use

12) (5 points) specify the data that is to be used in the final application

13) (5 points) specify the division of labour

14) (5 points) richness of design in terms of the features it exhibits

15) (5 points) connection to the database and a screenshot of the selection query

Total: / 75