CMPG 223 Project Detailed Breakdown

Project Members:

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1. Class Diagram for the project:

Conner Langley:

- Licence segment of class diagram
- Ammunition segment of class diagram

Lino Jardim:

- Firearm segment of class diagram

Wian Otto:

- Costumers segment of class diagram

Jan Greyling:

- Accessories segment of class diagram
- Compiled and combined all parts of the class diagram

Time spent on class diagram:

Time spend on this part was 1 week (7 days). With the work being divided out on day 1. By day 5 all parts were given to group member Jan Greyling and combined by day 6 for the review of complete product. Class diagrams handed in by day 7.

The Class diagrams were then added to the documentation of the final project hand in.

2. <u>Physical Data model for the project:</u>

<u>Conner Langley:</u>

- Licence segment of physical data model.
- Ammunition segment of physical data model.

<u>Lino Jardim:</u>

- Firearm segment of physical data model.

<u>Wian Otto:</u>

- Costumers segment of physical data model.

<u>Jan Greyling:</u>

- Accessories segment of physical data model.
- Compiled and combined all parts of the physical data model.

<u>Time spent on physical data model:</u>

Time spend on this part was 1 week (7 days). With the work being divided out on day 1. By day 5 all parts were given to group member Jan Greyling and combined by day 6 for the review of complete product. physical data model finalized by day 7.

The Physical data models were then added to the documentation of the final project hand in.

3. Physical process models for the project:

Conner Langley:

- Licence segment of process data model.
- Ammunition segment of process data model.

Jan Greyling:

- Accessories segment of physical data model.
- Firearm segment of process data model.
- Costumers segment of process data model.

Time spent on physical process models:

Time spend on this part was 1 week (7 days). With the work being divided out on day 1. By day 6 all models were in for review. Finalized at day 7.

The Physical process models were then added to the documentation of the final project hand in.

4. The Program/System:

Conner Langley:

- Data base design.
- Data base construction.
- Operation and logic help of the program.
- Combining all the code segments.
- Report programming segment.

Lino Jardim:

- Firearms programming segment.
- Licence programming segment.

Wian Otto:

- Ammunition program segment.
- Accessories program segment.
- Costumer code segment

Jan Greyling:

- UI design
- Operation and logic help of the program.

Time spent on Program/System:

Group spent time in the library together to start and divvy out the work of the program. The process took a day to complete with a skeleton structure for the program. The segments as divvyed was then completed over the weekend.

Tested after the code was combined as a group over discord.

Handed in after screenshots were taken for the UI and outputs for the document and User Manual.

5. Documentation:

Jan Greyling:

- Project document with all needed paperwork or common documents
- User Manual
- Detailed Breakdown

Time spent on Documentation:

Documentation was done as the project progressed with the user manual being written when the program/System was working.

Detailed breakdown ass tasks were completed.

The document segments were saved on a google drive and compiled after the completion of the program/System.