

[git@github.students.cs.ubc.ca:mattch/CPSC304-Project.git](mailto:git@github.students.cs.ubc.ca:mattch/CPSC304-Project.git)  
<https://github.students.cs.ubc.ca/mattch/CPSC304-Project.git>

## Project Description

The intent of our Database Application is to allow the King and his supervisors to better manage his country's economy. We have developed a database application that serves to aid the King in his endeavour by allowing him to easily track the productivity of usable land within his kingdom, to determine how much or little to tax his peasants, and to ensure that livestock counts are monitored. Using our database application allows for easy access to nationwide trade because all trades are tracked and the land value and usage of land is tracked to ensure that productivity is maximized.

The initial planning phase and prototyping of our application was largely successful: we stayed on track with our original idea and followed through in a timely manner. Our initial plan to develop the application in MYSQL fell through because of the more easily available alternative in Oracle. Some of our intended Queries were not used and replaced by others. Our reasoning for these changes were that our old queries did not accurately portray the economic focus of our project, so we scrapped them in favour of new queries that give economic information to the King.

We have made one small final change to the ER diagram structure that we developed previously. The Rank of the ServesIn relation is now merged with Citizen, so each Citizen has a rank, regardless of whether or not they are actively serving. We felt this was a needed change because it is more natural to think of a Citizen as possessing or displaying their individual rank. It showcases their achievements on the battlefield and their potential value during times of war.