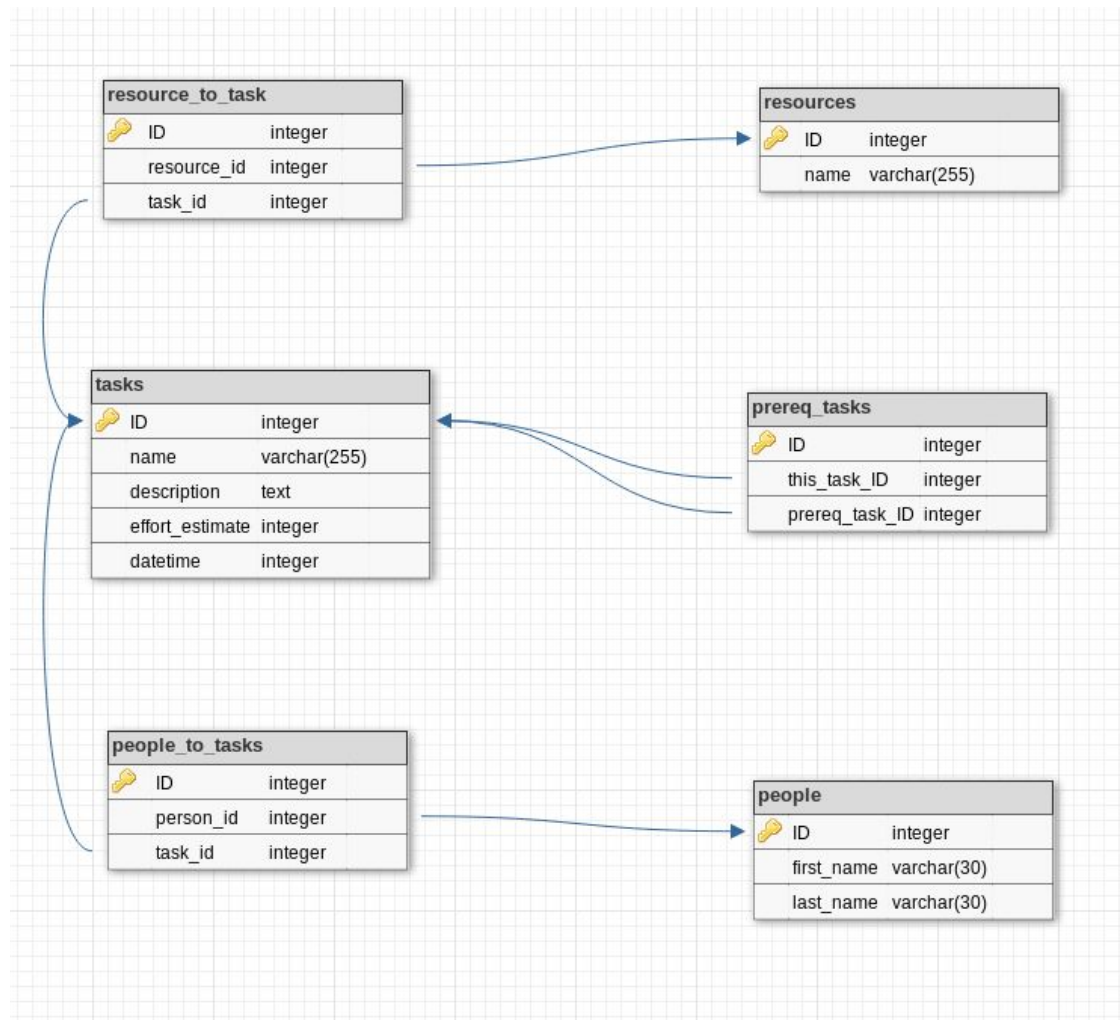


5CCS2SEG Agile Project

Task management software

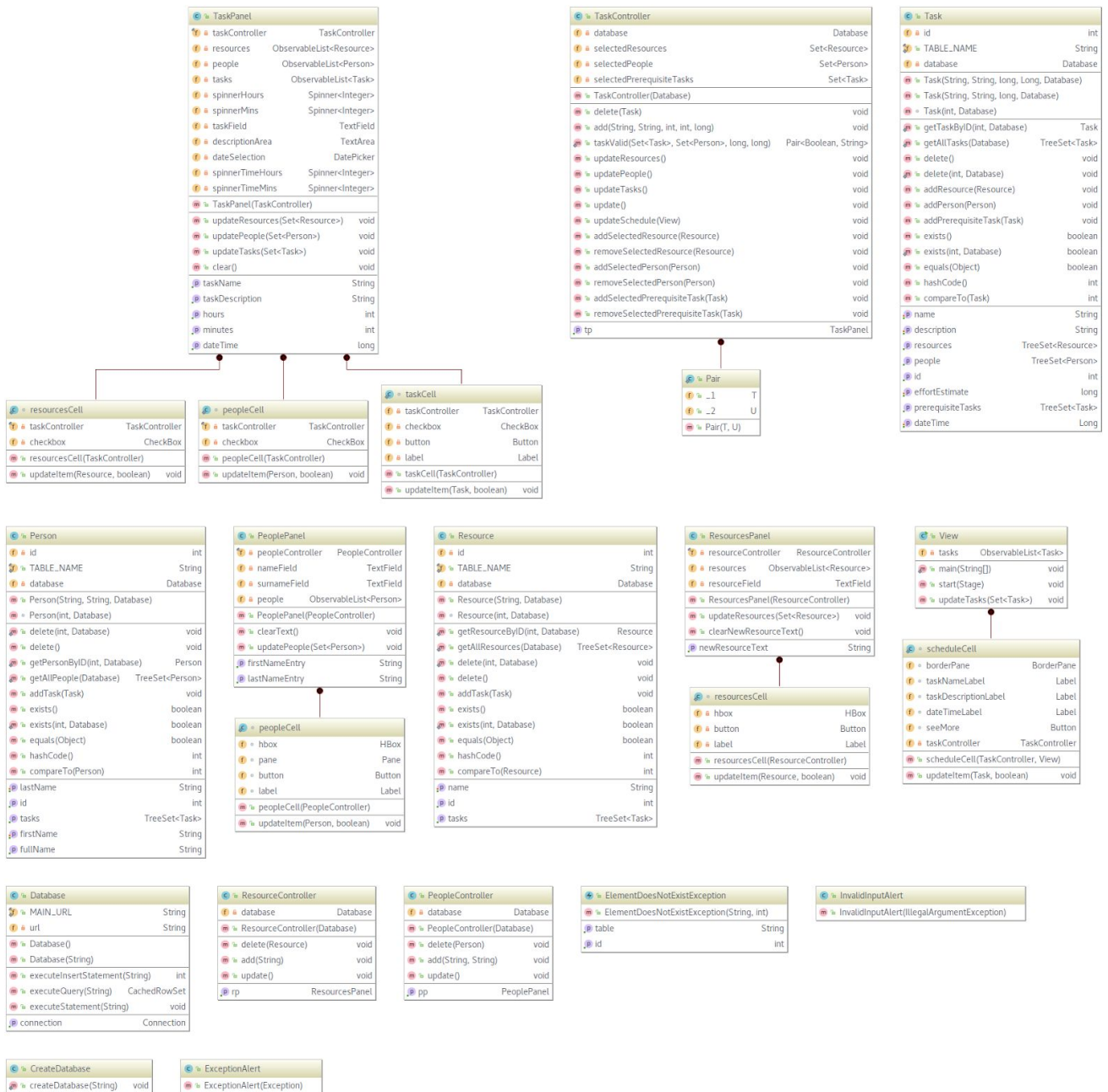
Abstract

This document is intended to explain some of the design of the system, and aims to act as a guide for a new developer to understand the project. It outlines the design through various diagrams, with explanations.



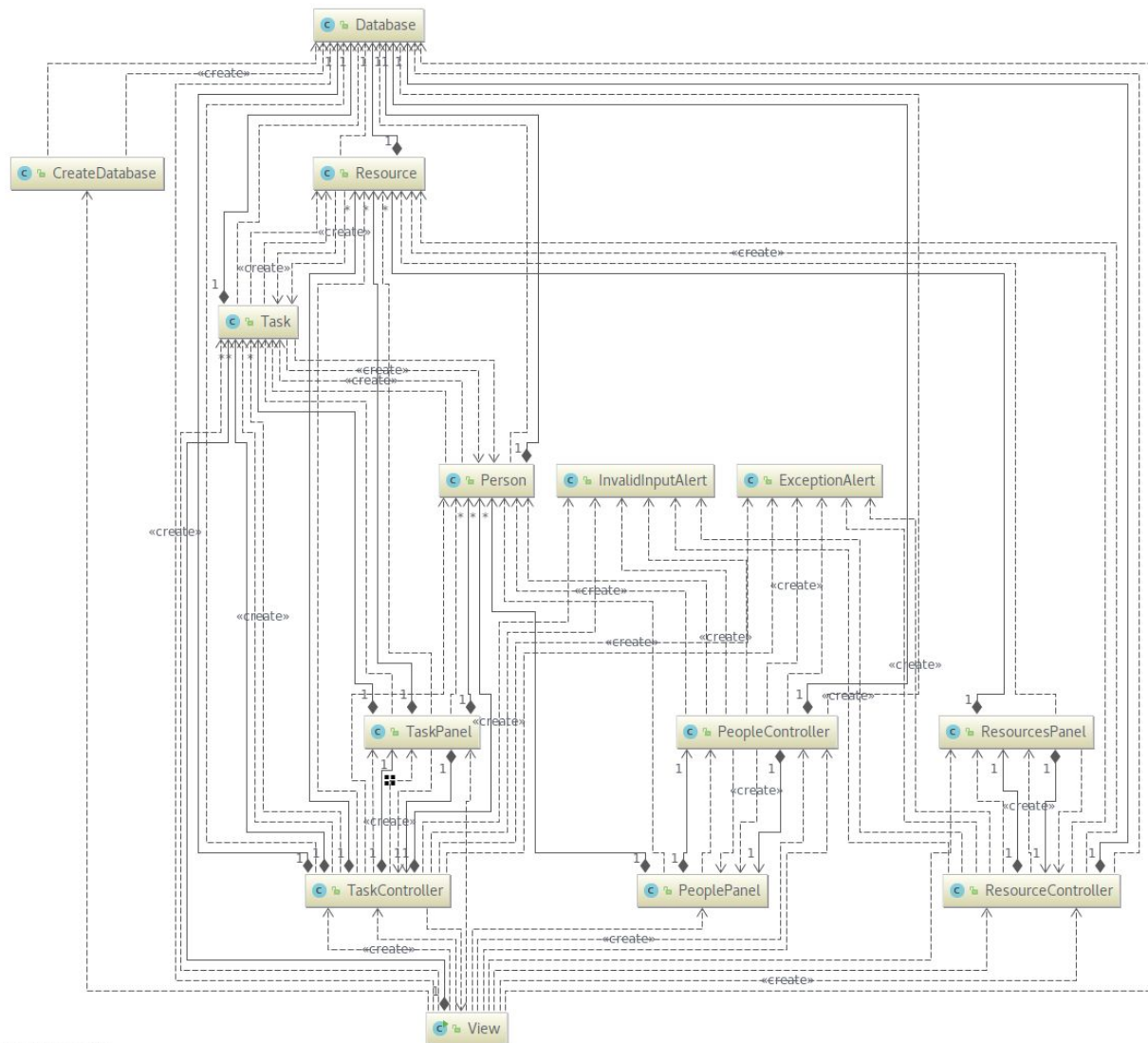
This diagram shows the database design of our project, as we decided to use a SQLite database to store our models. The individual fields are shown, as well as relations with arrows. The fields with a key to the left of their name are primary keys.

Full class diagram without dependencies



As there are a rather high number of classes in this project you may have to zoom in to view the diagram. This diagram shows all the classes in our project with every method and field, and property shown (A property being a field with a getter & setter method) the lines on the diagram refer to static inner classes.

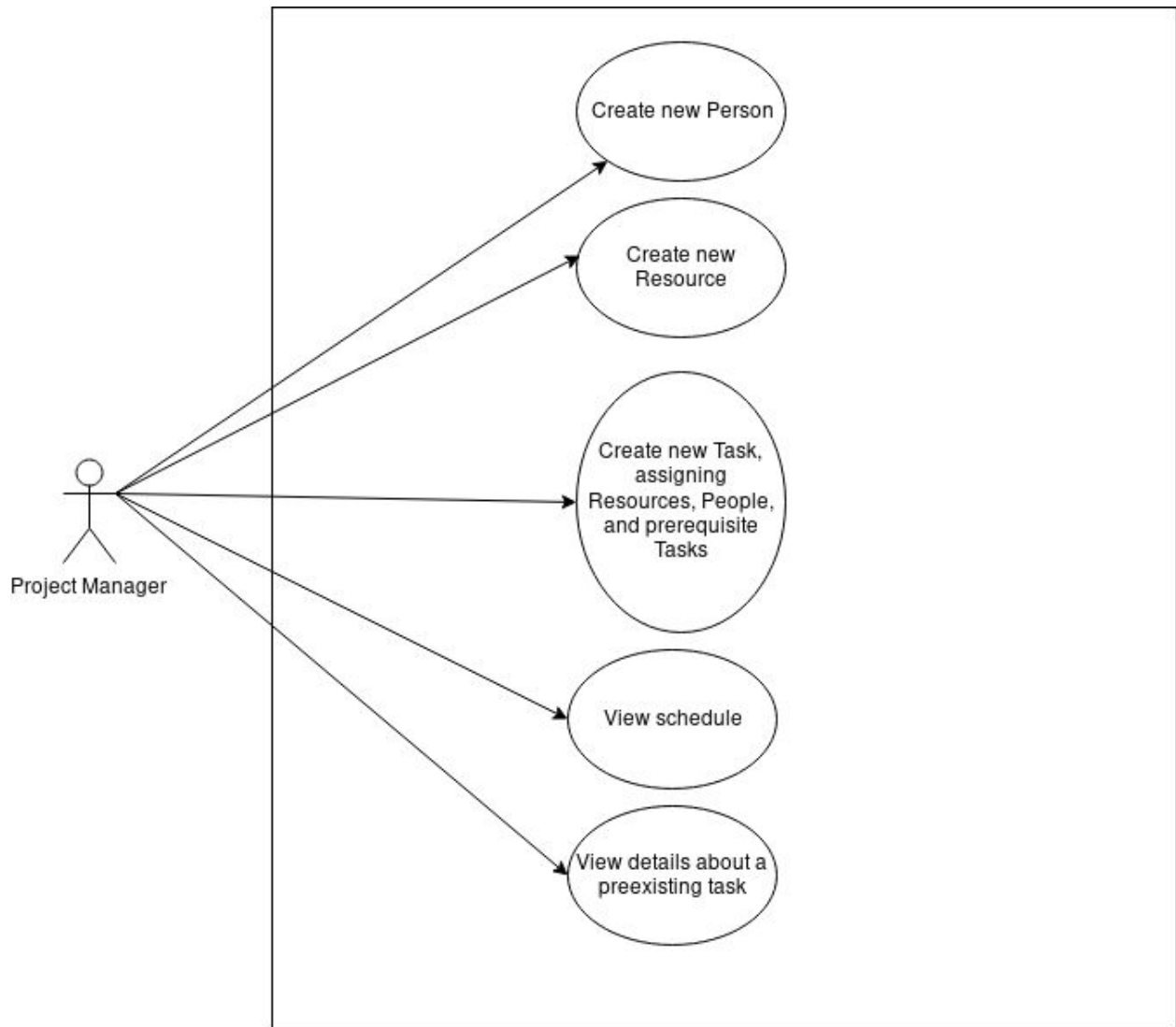
Class diagram with dependencies



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This is the class diagram with only the most major classes left in, showing the dependencies between classes, which is essentially: The View creates the controllers, which in turn creates the other Panels, and Alerts, the controllers create models that access the database created in CreateDatabase, called by the view.

Use Case Diagram



This is the Use Case diagram for our project that shows the various actions (i.e. use cases) that the system can perform at the request of the project manager. These are essentially create and read instructions. The project manager can create people, resources, and tasks, and then view the details of these.