Database Schema

Domain Classes:
- Login - Information necessary for user login
- SaveFile - Information necessary to save game states
- Results - Information necessary to save results of simulations
- SimSettings - Saved settings for specific simulations

Domain Class: Login - Information necessary for user login
- Username - String, case sensitive username
- Password - String, encrypted password
- Save File - Foreign key into SaveFile table

Domain Class: SaveFile - Information necessary to save game states
- File - JSON, Will be liable to change...

Domain Class: Results - Information necessary to save results of simulations
- SaveFile - Foreign key into SaveFile table
- Date - Date. date of recording
- File_Url - Url that leads to results (may be multiple entries depending on how we do results)

Domain Class: SimSettings - Saved settings for specific simulations
- PlayerContr - Boolean, True for player controlled, false for automatic sim
- ViralAmount - Integer, Amount of virus in the simulation
- ContagiousPeriod - Integer, how long the virus is contagious
- ContaminatedPeriod - Integer, how long the virus can contaminate a surface.