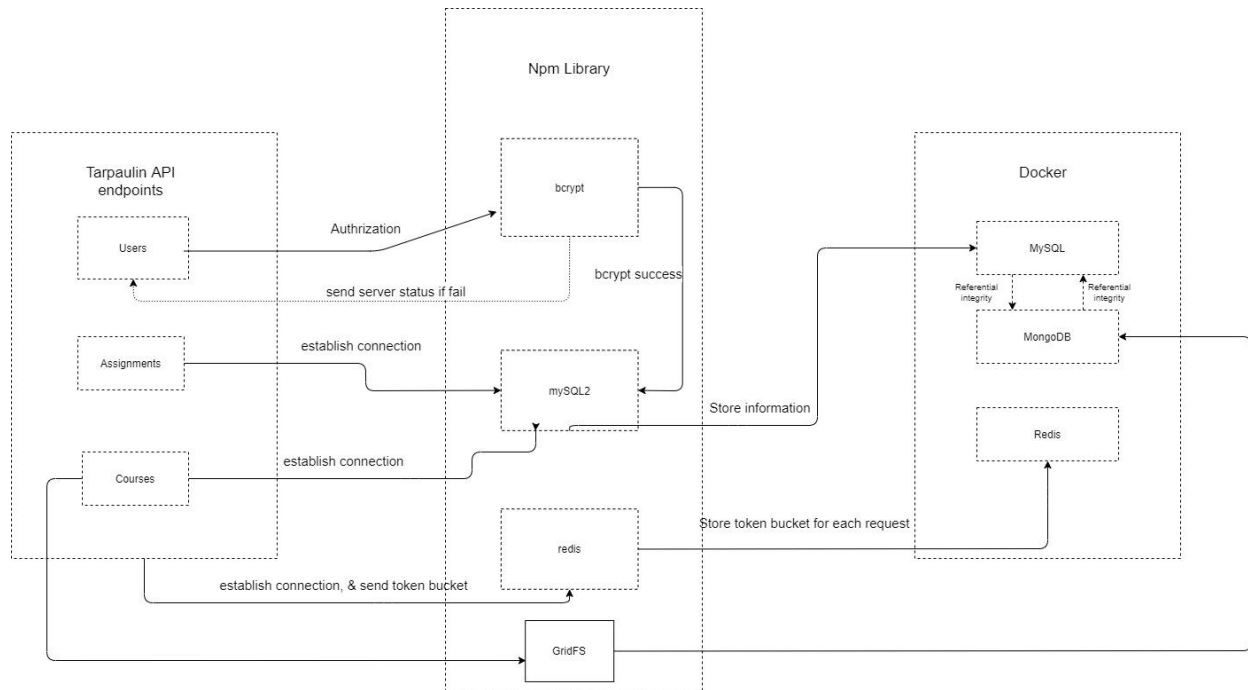
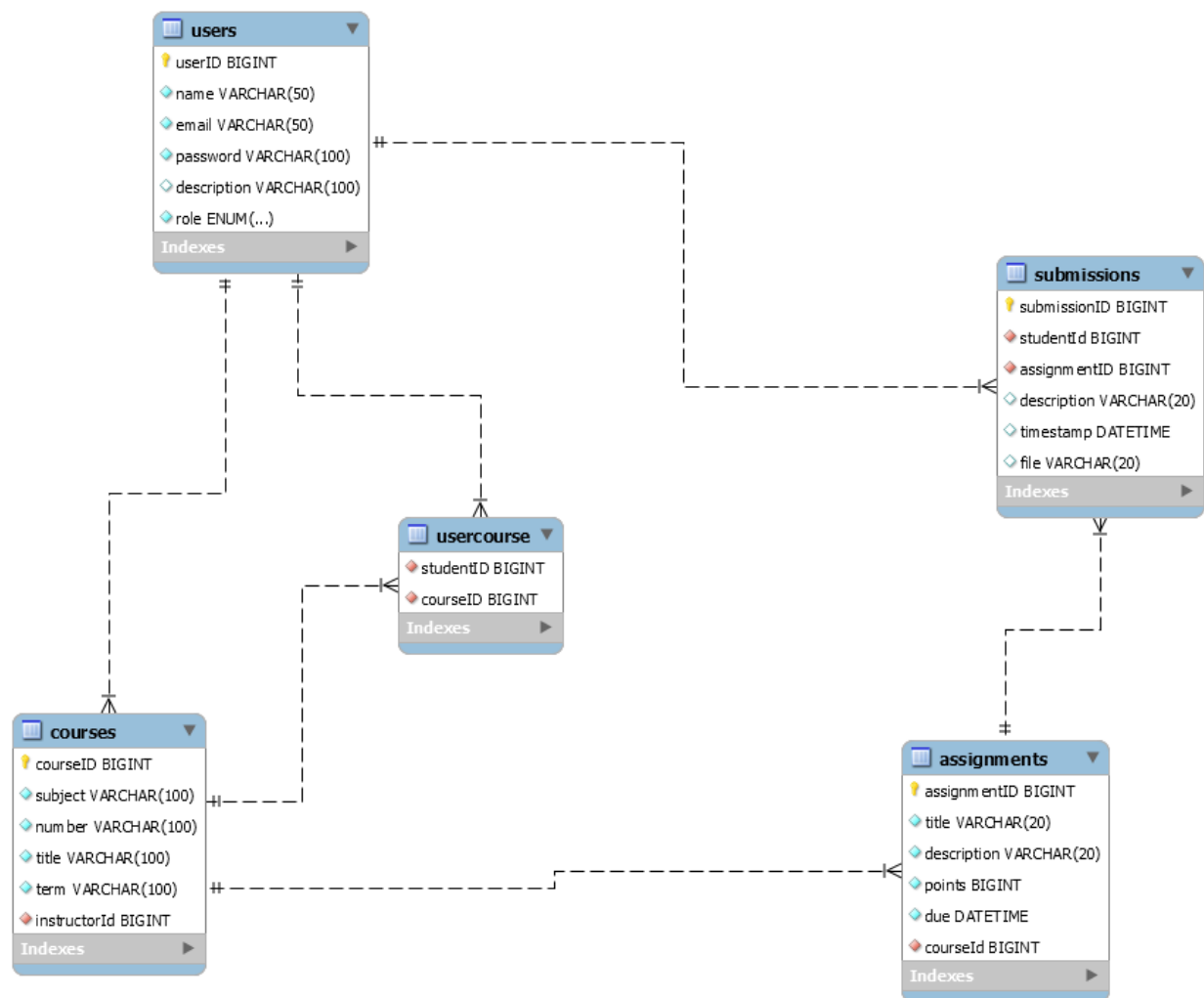


# API architecture diagram



## API data layout



## API design reflection

I am very satisfied with the design of the system architecture. However, if there are some things that I can change to improve the system, is to change the data type of every respective ids within the database table to increase the range value of an ID. In addition, I would also like to implement data replication in the system, which would increase the reliability of the system.