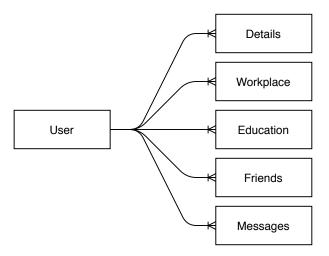
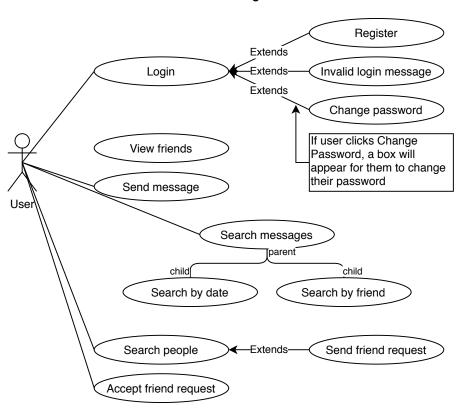
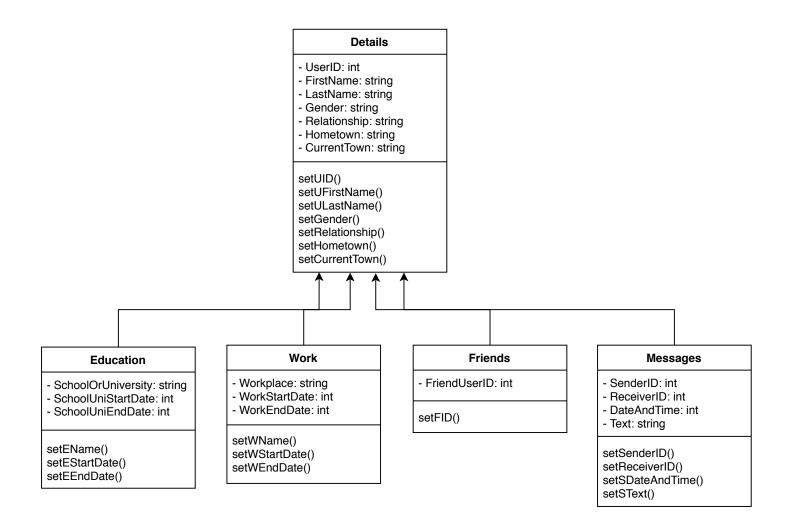
## **Entity Relationship Diagram**

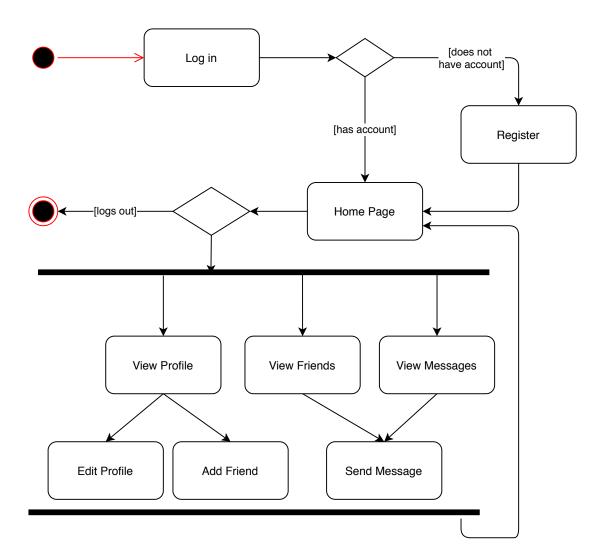


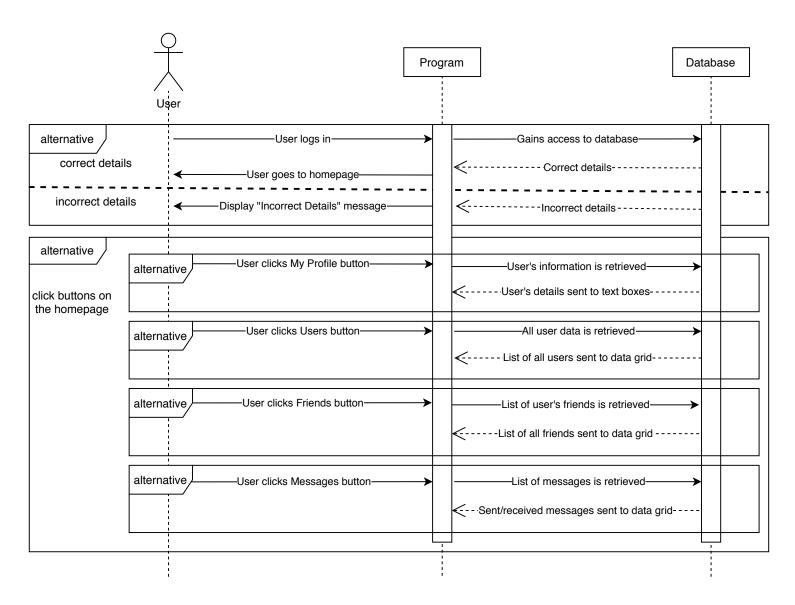
## **Use Case Diagram**



## **Class Diagram**







## State Diagram

