

Product design document

Assignment 1



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# **Context Level Diagram**



# **Data Flow Diagram**

## (Level 0)



## (Level 1)

## Register Patient



## Register Doctor



## Update Medical History



## View Medical History



## Search Patient



Search Doctor Account  


## **Use Case Diagram**

## (Doctor User Case)



## (System Admin Use Case)



## (Patient Use Case)



## **Sequence Diagrams**

## (Login)



(Add Account)

## (Data Search)



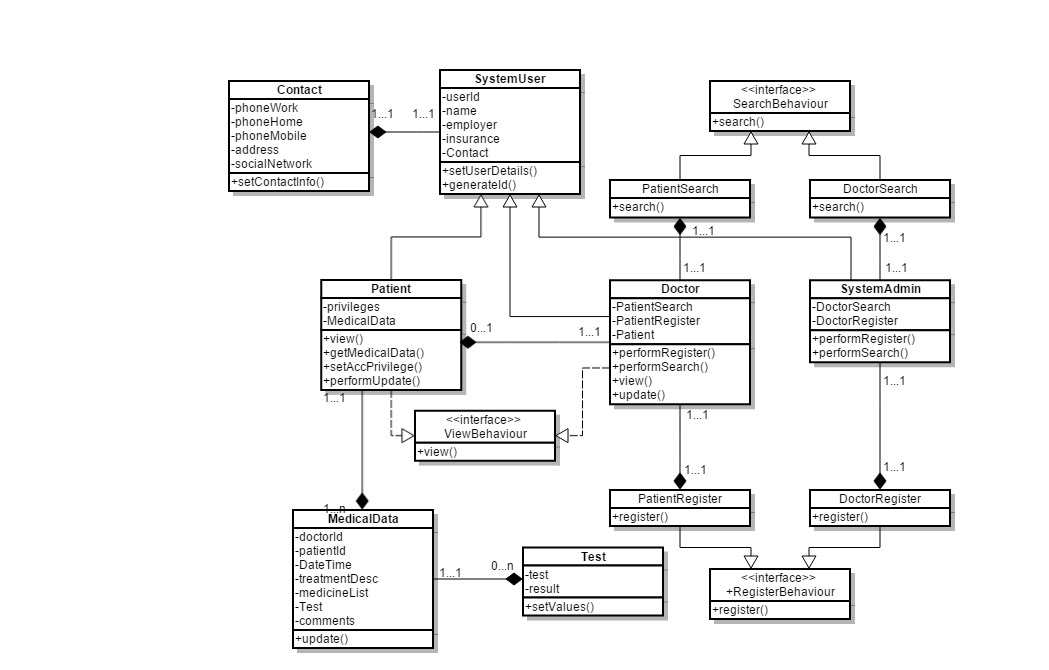
## (Medical History Creation)



## (Update Patient Medical Data)



## **Class Diagram**



## **Entity Relationship Diagram**



## **Activity Diagram**

## (Login)



## (Patient)



## (Add Account)



## (Doctor Registration)



## (Patient Medical Record Update)



## **State Chart**

## (System Administrator Authentication)



## (Search and registering Doctor)



## (Patient visit clinic)



## (Patient Authentication)



## (Patient view medical history)



## (Doctor Authentication)



## (Search, View and Update patient)

