Doc - Vice

Requirement Analysis

Team Members:

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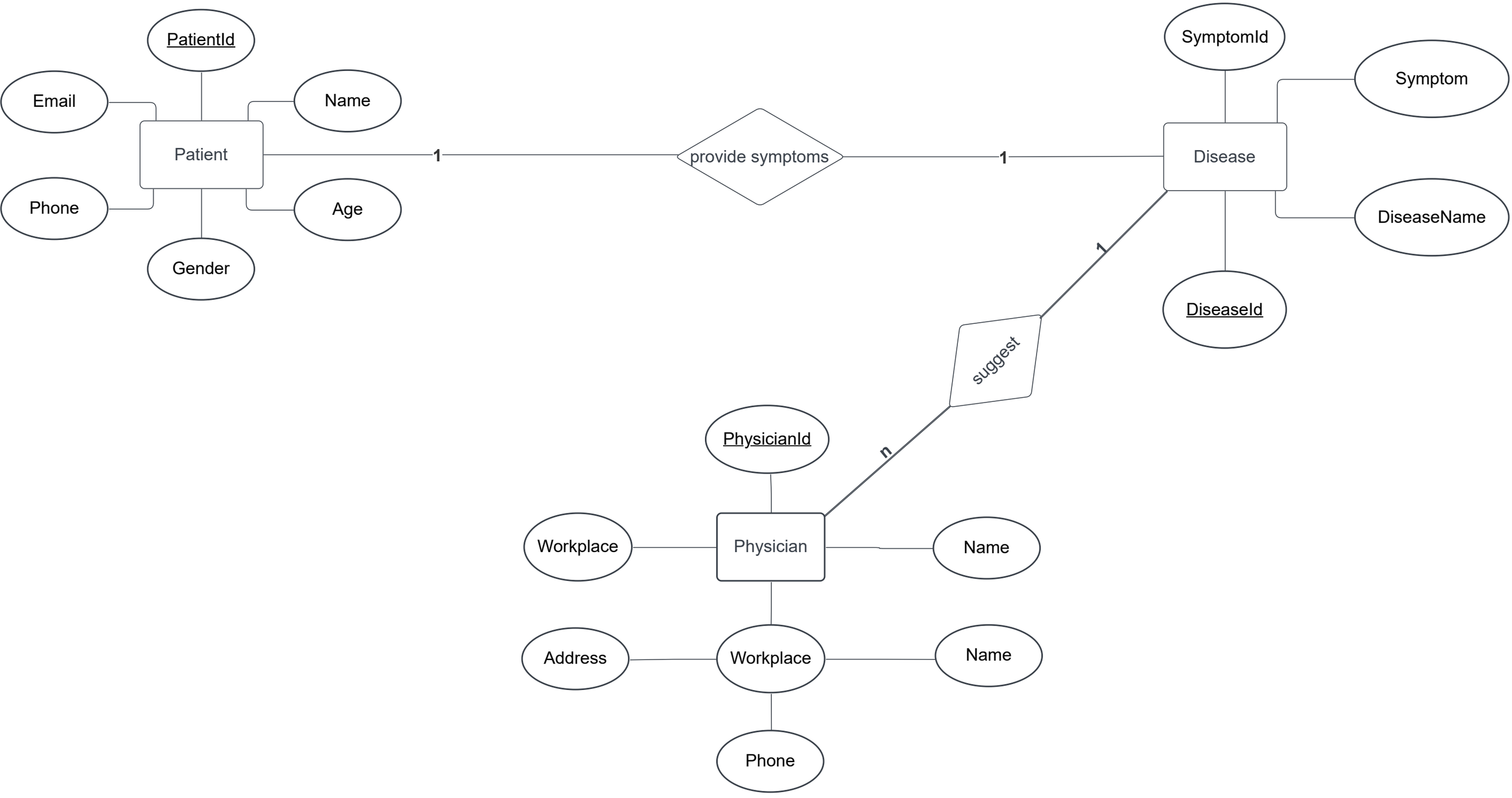
Idea:

A patient approaches the website with certain symptoms. Based on the symptoms, the classifier will predict the disease the patient could possibly have. Once, the disease has been detected, the patient will be suggested with a list of top 10 physicians(doctors) who specialize in that particular field.

	Patient Details • Name • Gender • Phone No • E – mail • Age	Symptom Info • Patient Id • Symptoms	Disease Detection • Disease	Doctor Info • Name • Workplace • Phone No • Years of Experience
Patient	✓	✓	✓	✓
Symptom-Disease Classifier	✗	✓	✓	✗
Physician Recommendation System	✗	✗	✓	✓

ER Diagram


PatientId
Email
Name
Patient
Phone
Age
Gender
1
provide symptoms
1
SymptomId
Symptom
Disease
DiseaseName
DiseaseId
1
suggest
n
PhysicianId
Workplace
Physician
Name
Address
Workplace
Name
Phone

ER Diagram to Relation

Patient

Patient_ID	Name	Age	Email	Phone No	Gender

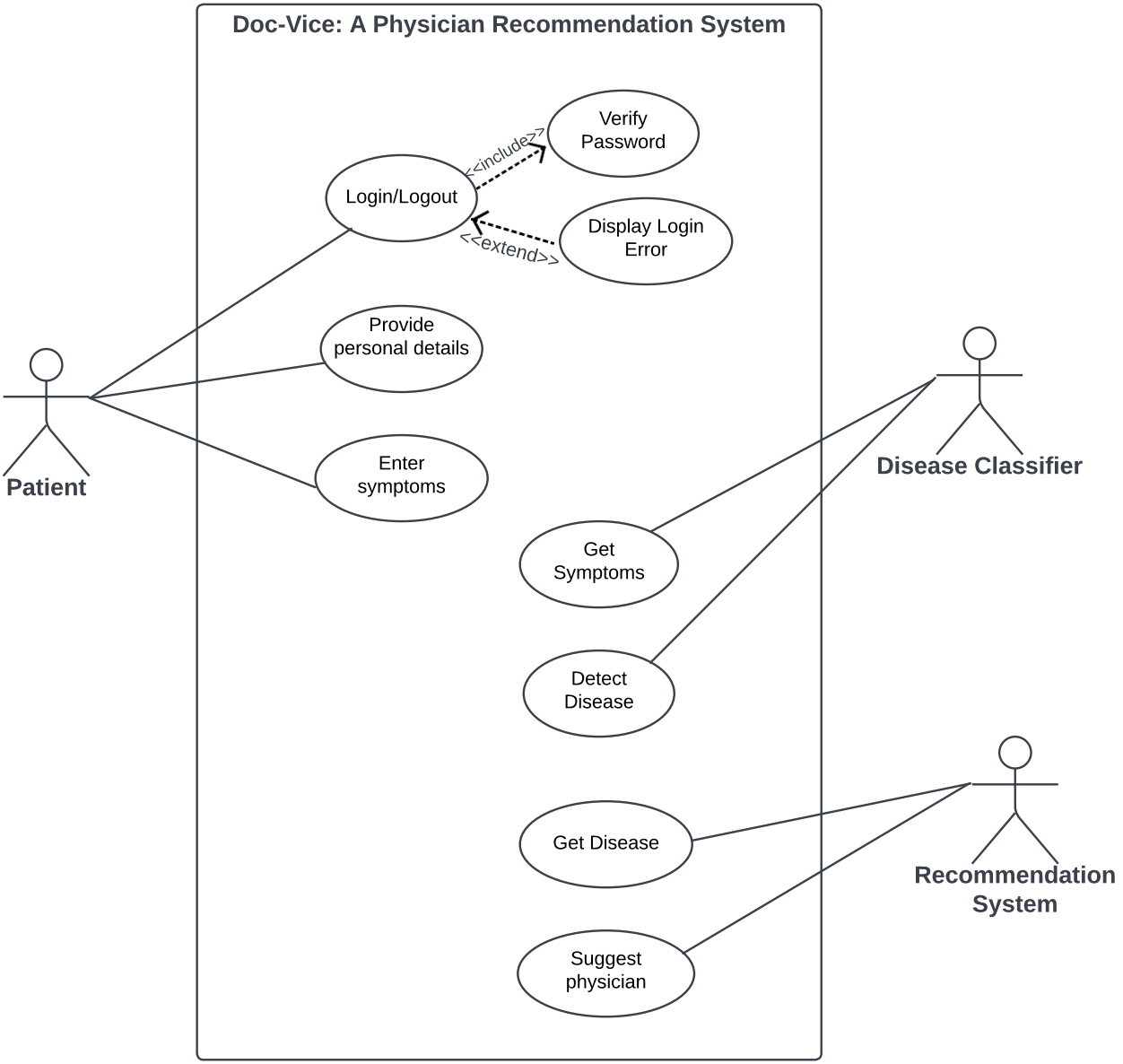
Disease Classifier

Symptom_ID	Symptoms	Disease_ID	Disease_Name

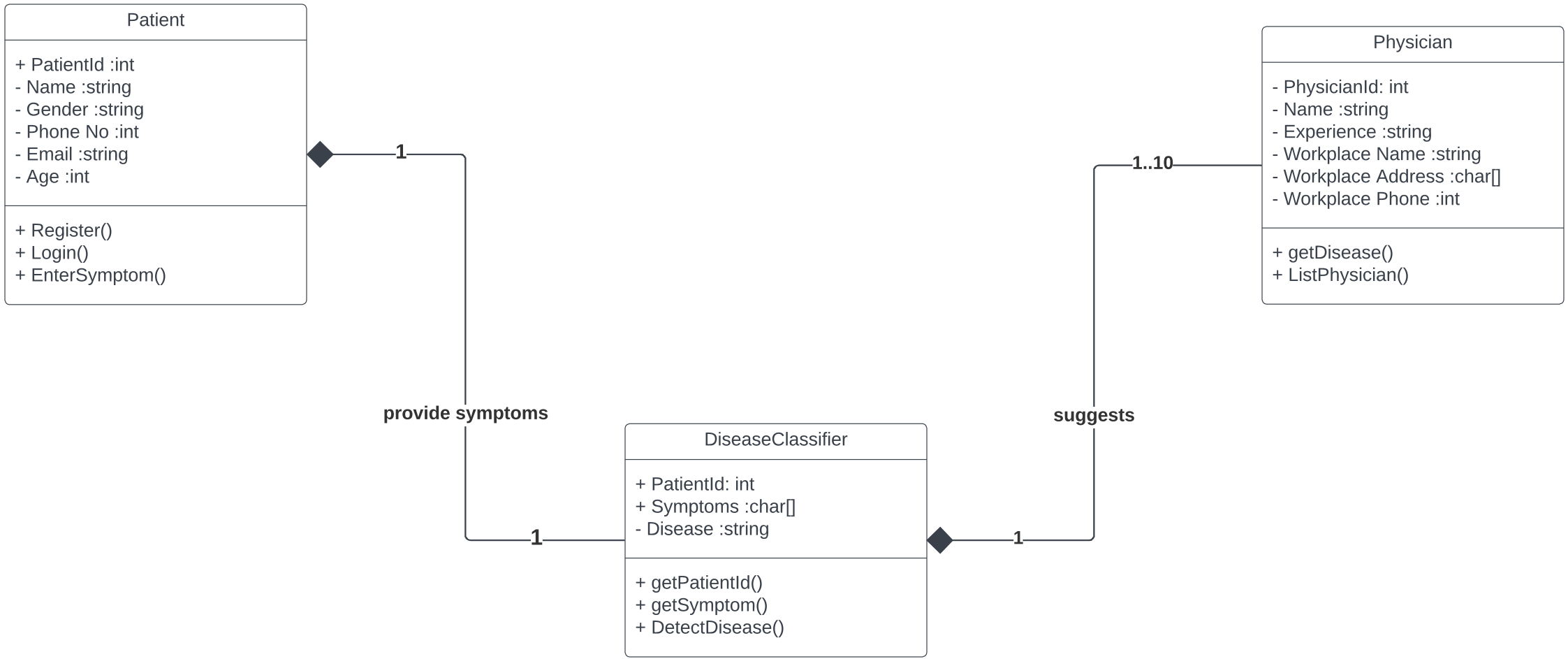
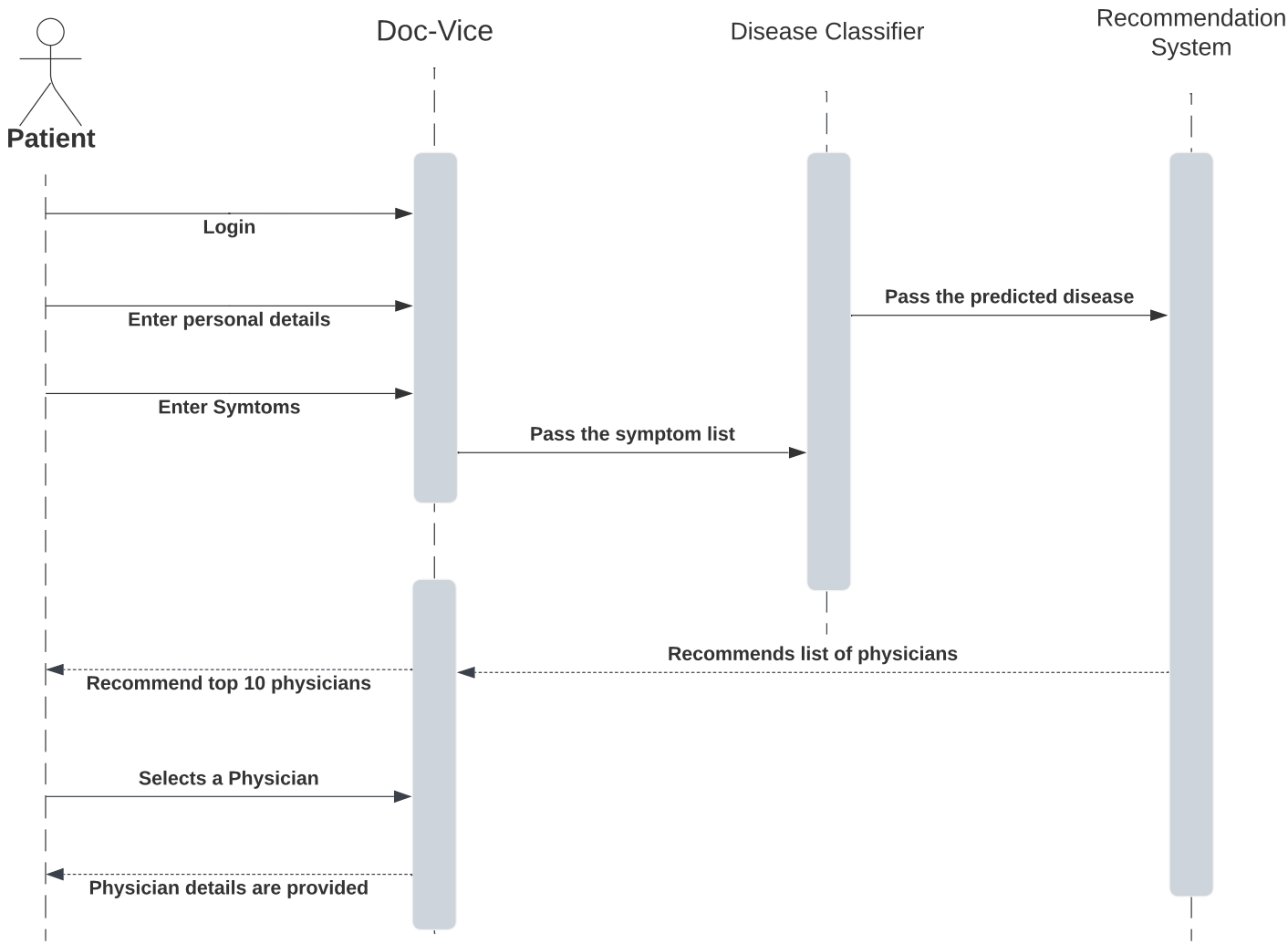
Physician
Recommendation

Physician_ID	Disease_ID	Physician_Name	Experience	Workplace_Name	Street	City	State	Pincode	Phone_No

Use Case Diagram



Class Diagram



Sequence Diagram