

# ***Artificial Intelligence Project Report***

Course Code: CSE-3636

Course Title: Artificial Intelligence Lab



**Submitted By :**

<b>ID : C181108</b> <b>Name : Arfanul Islam</b> <b>Section : 6CM</b> <b>Semester : 6<sup>th</sup></b> <b>Autumn 2020</b>	
--	--

**Submitted To :**

**Mr. Saiful Islam**

Lecturer,

Dept of CSE, IIUC.

**Project Title :**

**Medical Agent.**

**Name: Arfanul Islam**

**ID: C181108**

### Medical Agent:

Most of us want to make our own decisions about our bodies and medical care. But sometimes that's not possible. That's where a medical agent comes in. A Medical agent may also be known as: An attorney-in-fact, A health care proxy, A representative, A surrogate.

### DESCRIPTION:

MY Medical agent can speak for only about health care, not money or other legal issues. They have a given medical knowledge for treating like an intelligent doctor. Knowledge bases are must be given by discussing hospitals and medical schools, and observe and assess the work of trainee doctors and medical students.

Also, they can only make decisions for Patient if we can't make them ourself.

Laws about what a Medical agent can decide vary by state. Usually, they can make choices about treatment and more routine care. This could mean the choice to start, stop, or try a different treatment.

Medical care agents help make sure doctors follow our living will.

Medical Agents, also known as Physicians, are health professionals who maintain and restore human health through the practice of medicine. They examine patients, review their medical history,

diagnose illnesses or injuries, administer treatment, and counsel patients on their health and well being.

### Responsibilities:

- Respond to patients' medical problems by referring to their history, carrying out diagnosis, treatment, counseling, and referral, where necessary.
- Order lab tests and interpret the test results.
- Maintain confidentiality and impartiality at all times.
- Collect, record, and maintain sensitive patient information such as examination results, medical history, and reports.
- Perform minor surgeries.
- Explain procedures or prescribed treatments to patients.
- Promote health education in conjunction with other health professionals.
- Meet targets set by the given knowledge base for specified treatments.
- Discuss and evaluate new pharmaceutical products with pharmaceutical representatives.
- Keep up-to-date with medical developments, treatment, and medication.

## Input/Output:

INPUT	OUTPUT	DESCRIPTION
check.	Takes symptom	When user give input then it takes the symptom form user.
If the symptoms are: fever dry cough fever Diarrhoea pain.	corona	If the symptoms are:Fever ,dry cough fever, diarrhoea ,pain then it says the result is corona.
If the input: Coronam.	1: Zimax/tab, 2: napa/tab, 3: vitamin-D/tab,	There , user can get  Advices for corona.
If the input: Coronas.	Wear a medical mask to protect others, Clean your hands,in emergency call 123.	There , user can get  Sugestions for corona.
If the symptoms are:headache, runny_nose,	cold	If the symptoms are:headache, runny_nose,

sneezing, sore_throat.		sneezing, sore_throat then result cold.
If the input: Coldm.	1: Tylenol/tab' 2: panadol/tab'), 3: Nasal spray'),	There , user can get Advices for corona.
If the input: Colds.	Please wear warm cloths.	There , user can get Sugestions for corona.
If the symptoms are: fever,headache,chills ,body_ache.	flu	If the symptoms are: fever,headache,chi lls ,body_ache, then it is flu.
If the input: Flum.	1: Tamiflu/tab 2: panadol/tab, 3: Zanamivir/tab')	There , user can get Advices for flu.
If the input: Flus.	Please take a warm bath and do salt gargling	There , user can get Sugestions for Flus.



BMI<25, BMI>18,		
If the input: Bloodpressure.	Then Enter the bp (systoloc), Enter the bp (diastolic)'	There user give the systolic and diastolic input.
If input are 120/80	Then result is normal.	
If input are 160/100	High Blood Pressure	There user give the systolic and diastolic input then get result
If input are 90/50	Then Low Blood Pressure	
If the input: Emergency.	Then check the following terms: patient have chest pain then check the following,ecg condition, systoloc and diastolic	There user can handle the emergency patient.
Example:if input are: ecg: 90 Bp:120/80	Then, Output: Normal cabin	
if input are: ecg: 110, Bp:140/90	Output: Shift in HDU	

if input are: ecg: 140, Bp:160/110	Output: Shift in ICU	There user can handle the emergency patient.
If the input: emergency_hospital .	Then, check the following :  patient have chest pain then press one  patient have diarrhoea then check then press two  patient have corona then check the then press 3  patient have brain stroke then then press 4'),nl,  patient have arthritis then then press 5  patient have dental then then press 6	It help user to choose emergency_hospital.
Example: one.	cscr-hospital-chittagong  CSCR Hospital Chittagong,1675/A, O.R Nizam Road Chittagong, Bangladesh info@cscrbd.com 031-656565  CSCR Pvt. Ltd. - Book <a href="https://doctorlistbook.com">https://doctorlistbook.com</a>	Suggest for chest pain
Two.	National Hospital Chittagong Address, Contact Number, Email	Suggest for diarrhoea



	<p>and Website:Address: 14, Mehedibug Chittagong, Bangladesh.Hotline:</p> <p>Phone: 031-627913.Mobile: 031-627913.Lab: 031-623713FAX:Website: nationalhospitalctg.com</p> <p>Email: ctgnhc@gmail.com or nationalhospitalctg@gmail.com</p> <p>Consultation Appointment Number: 031-627913.').nl.</p>	
Three.	<p>Chittagong General Hospital is a public hospital in Chittagong, Bangladesh.</p> <p>It has two hundred and fifty bed facility. It has been an affiliated hospital of Chittagong Medical College since 1959.</p> <p>Address: Andarkilla Rd, Chattogram 4000</p> <p>Opened: 1840</p> <p>Care system: Public</p> <p>Number of beds: 250</p> <p>Founded: 1840</p>	Suggest for corona
Four.	<p>Parkview Hospital Chattogram Doctor List Phone Location <a href="https://findoutadoctor.blogspot.com">https://findoutadoctor.blogspot.com</a> › Chattogram</p>	Suggest for brain stroke.

	<p>Oct 23, 2018 — Address: 94/103, Katalganj Road, Panchlaish, Chittagong.</p> <p>Website:  <a href="https://parkview.com.bd/">https://parkview.com.bd/</a>'),nl.</p>	
Five.	<p>Epic Health Care,Hospital in Chittagong</p> <p>Address: Epic Center, 19 k.b Fazlul Kader Road, Panchlish Opposite to Chittagong Medical College Main Gate, Chattogram 4000'),nl.</p>	Suggest for arthritis
Six.	<p>Chattagram International Medical College &amp; Hospital (CIMCH)Hospital in ChittagongAddress: 206/1, Haji, Chand Mia Rd, Chattogram 4212Hours: Open 24 hours</p> <p>Phone: 01868-561703</p> <p>Founded: 2013</p>	Suggest for dental

Diagram:

