Team Description Paper

Rules

//File to be named as “teamNAME_jithackthon.pdf” e.g. “xyz_jithackthon.pdf”.

- ✓ Only one TDP submission is allowed per team.
- ✓ TDP contains points and will be considered for results.
- ✓ A team will not be allowed to participate if there is deviation from the design described in the TDP.
- ✓ Last date for TDP submission is 01/02/2019.
- ✓ Selections will be done based on the TDP’s.
- ✓ Team members can be from the same college or from different colleges.
- ✓ Only 4 members per team is allowed (A team must contain exactly 4 members)
- ✓ Coordinators have the right to select and reject any of the TDP’s.
- ✓ If the TDP is selected for further rounds, team members can be changed only after intimating the coordinators in advance.
- ✓ Decision of coordinators is final and binding on all participants in case of discrepancies.
- ✓ All queries to be mailed to hackthonjit@gmail.com.

Team Details

Name	Year / Department	College Name	Email ID
Antony Raj R	3rd year/IT	St.Josephs College of Engineering	anto22998@gmail.com
Chris Blesson V	3rd year/IT	St.Josephs College of Engineering	blesson2598@gmail.com
Adithan P	3rd year/IT	St.Josephs College of Engineering	adithanvijayan@gmail.com
Arokia John Collins M	3rd year/IT	St.Josephs College of Engineering	john.collins.mjc@gmail.com

Problem Statement

The objective of patient case similarity is to identify similar patients based on their medical reports. Identification of similar patient cases be useful for improving patient outcome, for treatment or drug recommendation to a new patient, prediction of clinical outcome, clinical decision support, research on those cases. Task: Applying machine learning algorithms to find similar patient cases from given dataset. The objective of patient case similarity is to identify similar patients based on their medical reports. Identification of similar patient cases be useful for improving patient outcome, for treatment or drug recommendation to a new patient, prediction of clinical outcome, clinical decision support, research on those cases. Task: Applying machine learning algorithms to find similar patient

cases from given dataset. You can refer youtube link and documentations attached to it for more details

Mentor Details:

Name	Organization	Designation	Phone number	Contact Mail-ID

Answer the following Questions (Answer all Questions)

1. What components and mechanisms were used to build your solution?

1)HTML,CSS & Boot Strap

2)Node JS (Web Server)

3)Mongo DB

ALGORITHMS:

Cosine Similarity.

2. Any innovative ideas in your design that you think would give you an edge over others?

- Connecting all people and categorizing based on diseases .
- Classify the disease based on the report.

3. In how many parts you can divide your working procedure? (Min-5, Please Specify)

Ocr(Optical character recognition) the data from the report

Train the model using disease data set.

Identify the disease based on the data

Identify the nearest hospital based on their disease

Categorize the people based on disease

4. Who are your target audience for your solution?

Clients including Hospitals and patients.

5. What is your expectation for **JIT Hackathon**$^{\#2.0}$?

Desk food snacks sleep

TEAM DESCRIPTION PAPER

Every team should submit the TEAM DESCRIPTION PAPER on or before FEB 1 to hackathonjit@gmail.com in the given format.