1. TITLE OF THE PROPOSAL (The title should be carefully chosen. It should be precise and explain the problem being solved)

Reduction of Patient waiting time in Hospitals pre and post covid.

1. Problem Context & Definition

Problem context:

1. Problem validation. - 50 interviews -is the problem real

According to the survey (110 Responses) conducted in the last two days, people felt that proper measures has to be taken by hospitals in order to reduce the patient’s waiting time pre and post pandemic (Responses mentioned in the references in the form of excel sheet). 59% of the responses from age group of 18 – 39 and 40 - 65 years mentioned that they have waited 1 – 2 hrs and 40% of the waiting for 3 – 4 hours.

(Please refer to the response report documentation attached in the references)

According to the survey (2015) conducted by U.S. National Library of Medicine **NCBI** (National Center for Biotechnology Information), In Malaysia, the average waiting time in hospital outpatient departments is between 1 to 2 hours. It also shows that majority of patients (91.93%) are willing to wait for 45 minutes in total to see the doctor.

1. Market Need: Define market and size of problem facers

The **target market** includes patients and families, communities, doctors, medical personnel, **hospital** staff, and society **Hospital marketing**.

(Please refer to the Fishbone diagram attached in the references)

As solving this problem is mission-critical in many hospitals in India especially in gynaecology, ophthalmology and ophthalmology hospitals (according to the survey) and has high penetration rate, the market size can be estimated as…

38332 (gov hospitals) **X** 9,810 (private) **X** 60% (penetration rate) **=** 225622152 hospitals

1. Current solutions analysis: List of products/solution existing along with suitable links and comparisons and their shortcoming

Current solutions followed in foreign countries:

1.

Link:

2.

Link:

3.

Link:

Current solutions followed in India:

1.

Link:

2.

Link:

3.

Link:

1. Your Competence: What are your strengths and special competence in attempting a solution (Knowledge, Skills, Network you have)
2. References: