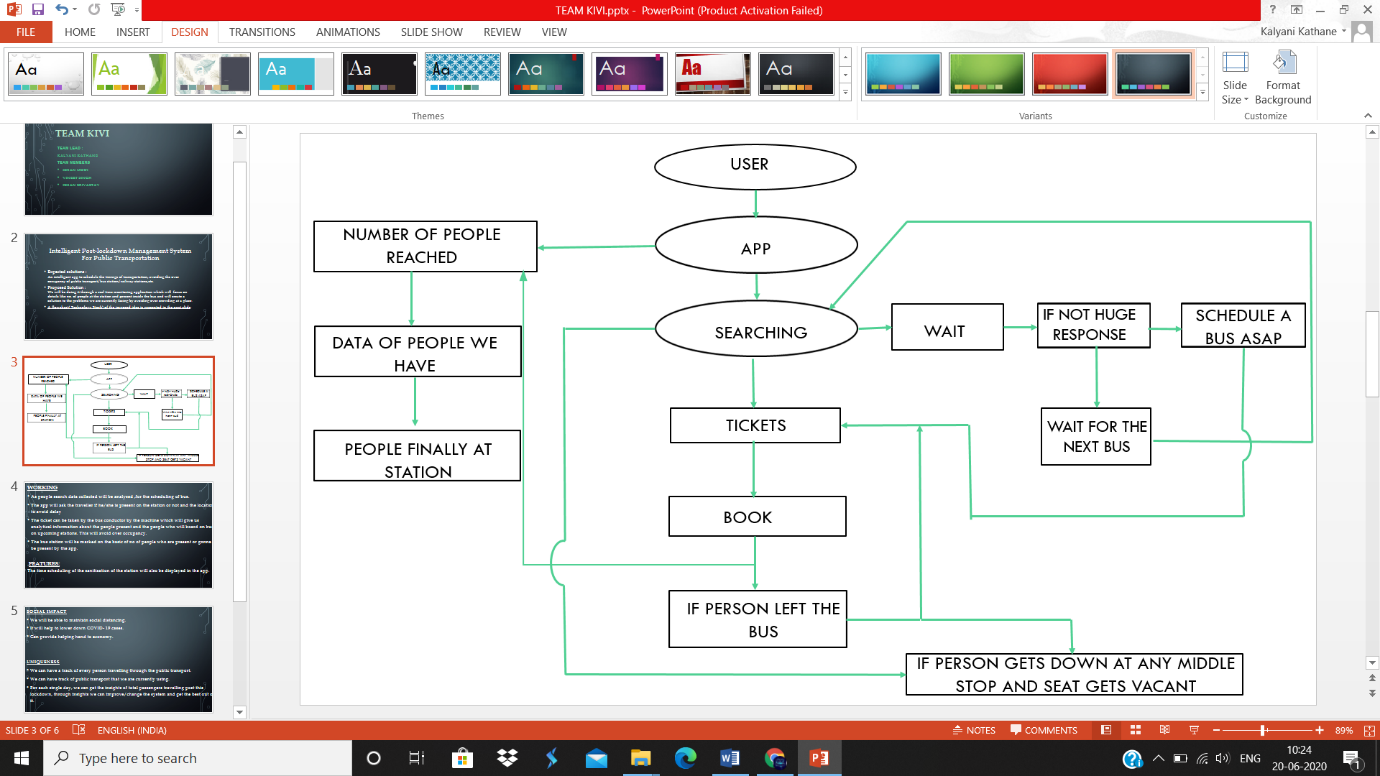
Intelligent Post-lockdown Management System For Public Transportation

* Expected solutions:   
  An intelligent app to schedule the timings of transportation, avoiding the over occupancy of public transport/bus station/railway stations, etc.
* Proposed Solution:   
  We will be doing it through a real time monitoring application which will focus on details like no. of people at the station and present inside the bus and will create a solution to the problems we are currently facing by avoiding overcrowding at a place.

**Understanding development:**

**(APPLICATION Working Flowchart)**



**IBM CLOUD ACCOUNT**

The further project starts with creating IBM accounts in order to access the tools provided.

<http://cloud.ibm.com/>

**CONNECTIVITY THRU NODE RED**

As in the future we will be linking the software with the hardwares. So keeping the futuristic view in mind we have added this.

**DATABASE MAKING**

Technologies used for the creation of databse is IBM cloudant instance.

Database is created on IBM Cloudant.   
It is having 1 gb storage, it will be consisting user id, and credentials and locations wherever the public transport system is linked with the application.

**CHATBOT MAKING**

Technologies used for the creation of chatbot are **Watson assistant** and

**Natural language translator module**

Link for the chat bot:

<https://web-chat.global.assistant.watson.cloud.ibm.com/preview.html?region=eu-gb&integrationID=cc43c12c-3519-42b9-8ee8-f2b0aa974fa0&serviceInstanceID=31baeb74-1351-4b88-86d4-2b91f8ceeede>

**APPLICATION:**

Technologies used for the creation of chatbot

1)Android Studio

2)IBM Service

Link for the application <https://drive.google.com/drive/folders/1MsHGw4NxqV3v53XhjexLZZFoP6jhcHIN?usp=sharing>