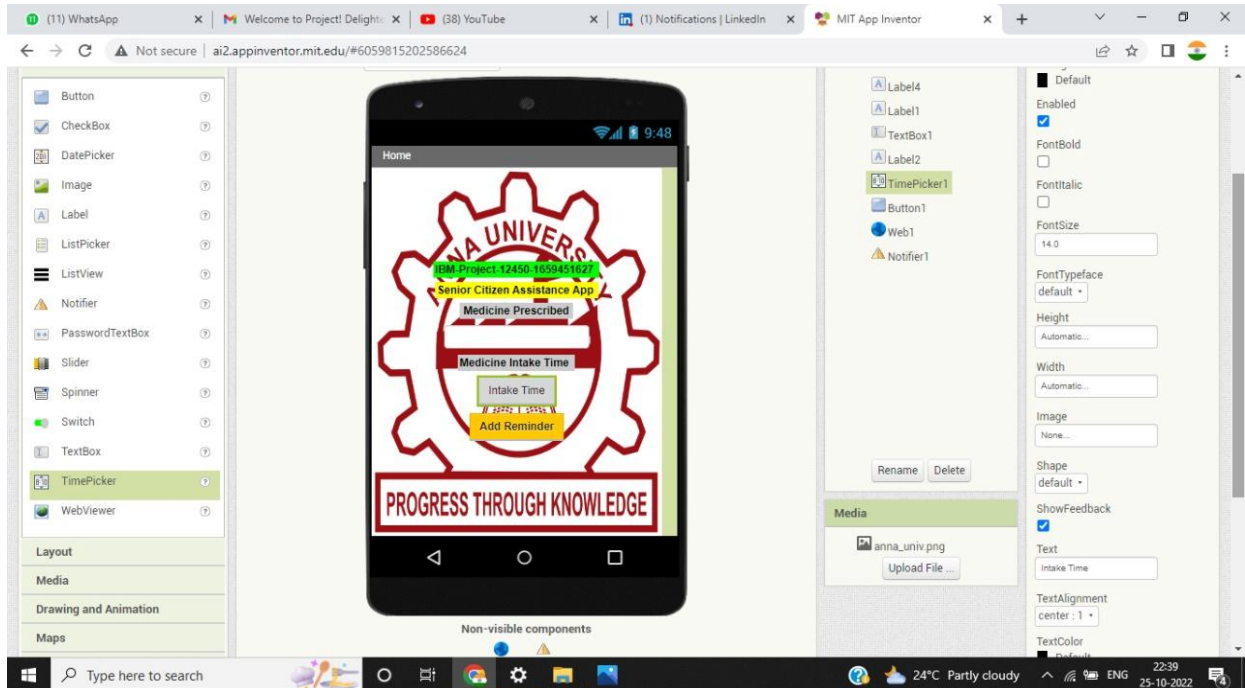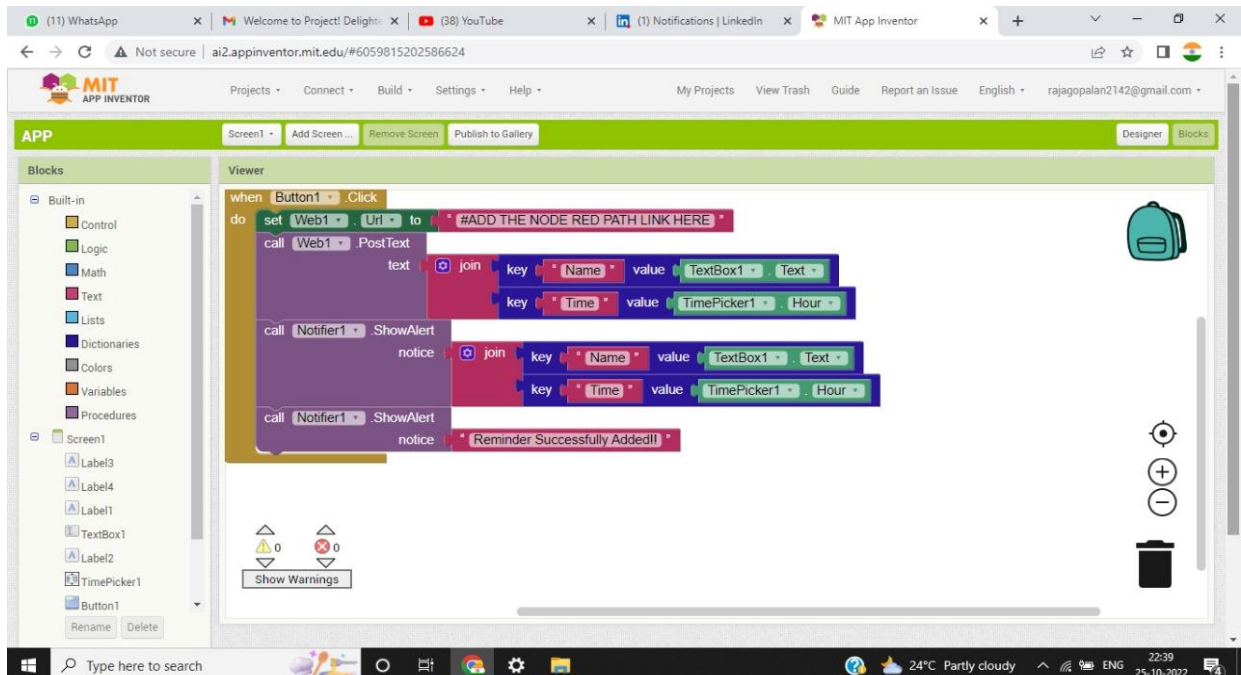# SPRINT DELIVERY 3

USER APP DEVELOPMENT WITH NODE RED DESIGN & IoT WATSON PLATFORM IMPLEMENTATION

DESIGNER VIEW OF APP:

BLOCK DESIGN OF APP:

RESULT:

https://drive.google.com/file/d/18-iYPKx_E1qPitTr26hI4XPhEqMfzkIp/view?usp=drivesdk

INTERFACE TO ADD MEDICINE DETAILS FOR USERS:

NODE-RED APPLICATION:

DELIVERY PIPELINE:

NAME: ci-pipeline   STATUS: Success

APP URL: Generated

CLOUDANT CREATION:

IMPLEMENTED NODE-RED DESIGN:

The above implemented node-red design sets up the data to flow through the various services used in the project. The user data is available from the medicine database which is compared with details set in the function node and as per match the needed result is passed onto IoT Watson node.

IBM WATSON IoT DEVICE REGISTRATION:

DEVICE CREDENTIALS: Generated

AUTHENTICATION TOKEN: Self-Generated

OUTPUT GENERATION BY DEVICE IN IoT WATSON:

NOTE:

The recent events tab shows the value received by the IBM Watson IoT Platform based on the comparison operation done by the function node. For the conditions set in the function node based on the date & time set, the above medicine is reminded as output to the user.

RESULTS OBTAINED IN IoT WATSON:

NOTE:

The above output can be viewed from the BOARDS tab available in the platform by creating a new board and assigning a device type to the board.