

**MAHENDRA ENGINEERING COLLEGE FOR WOMEN**

**SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION**

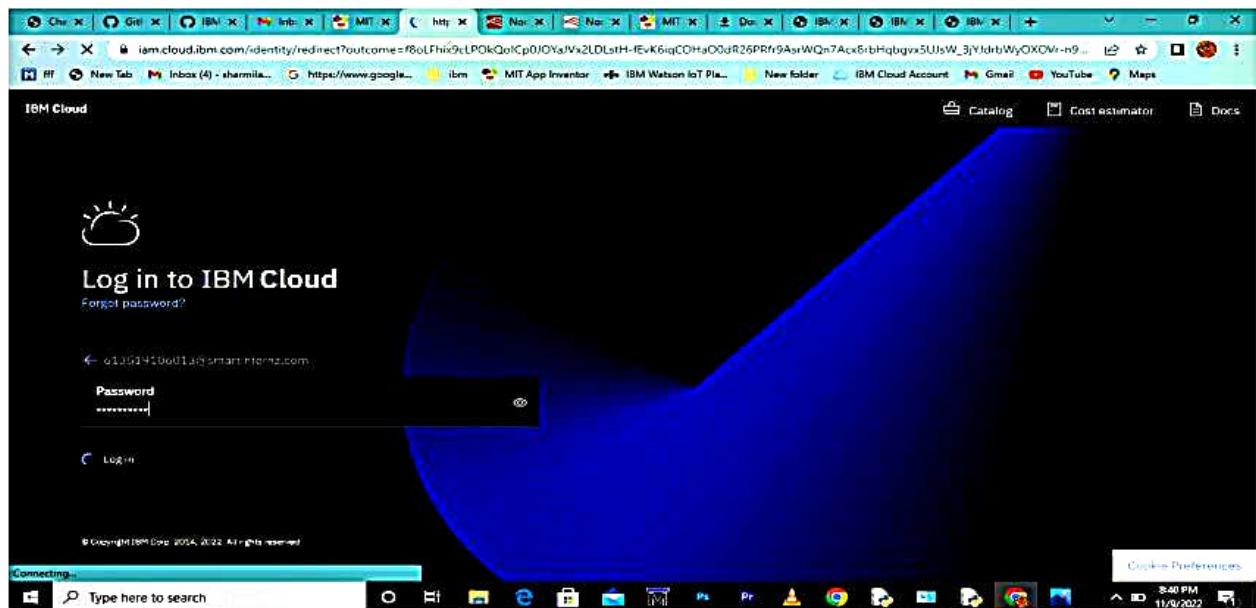
**IBM NALAIYATHIRAN**

**PREREQUISITES**

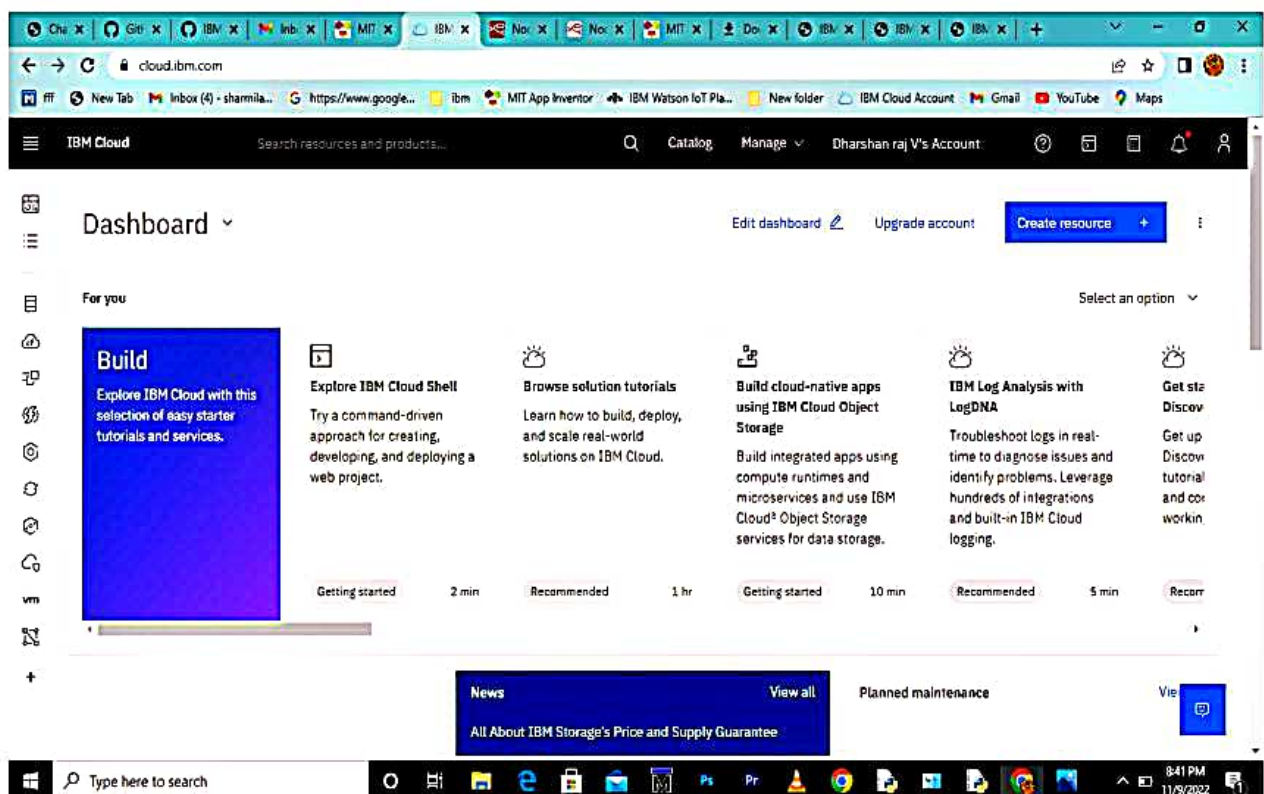
<b>TITLE</b>	<b>: IOT based child safety gadget for child safety monitoring and notification</b>
<b>DOMAIN NAME</b>	<b>: INTERNET OF THINGS</b>
<b>TEAM ID</b>	<b>: PNT2022TMID30411</b>
<b>TEAM LEADERNAME</b>	<b>: VIMALA K</b>
<b>TEAM MEMBER NAME</b>	<b>: SNEHA A PRIYADHARSHINI M VINOTHINI D</b>
<b>MENTOR NAME</b>	<b>: RAJESWARI S V</b>

# IBM WATSON IOT PLATFORM :

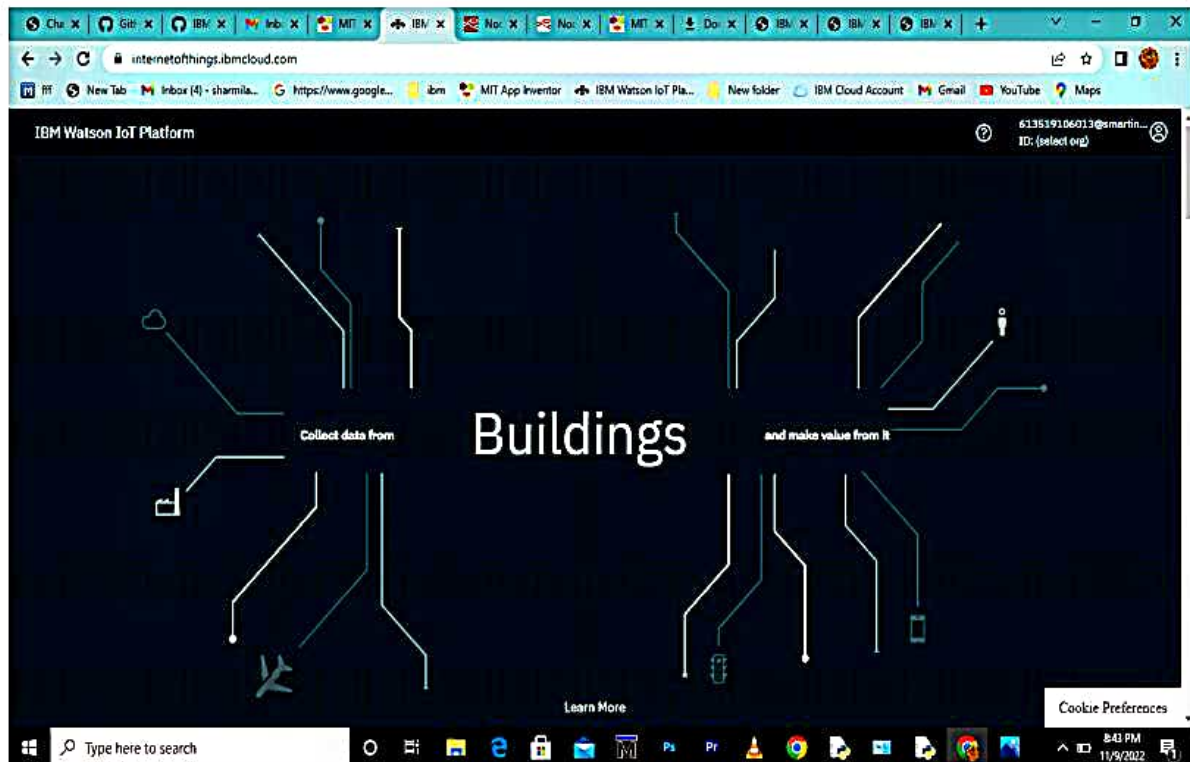
## Log in to IBM cloud



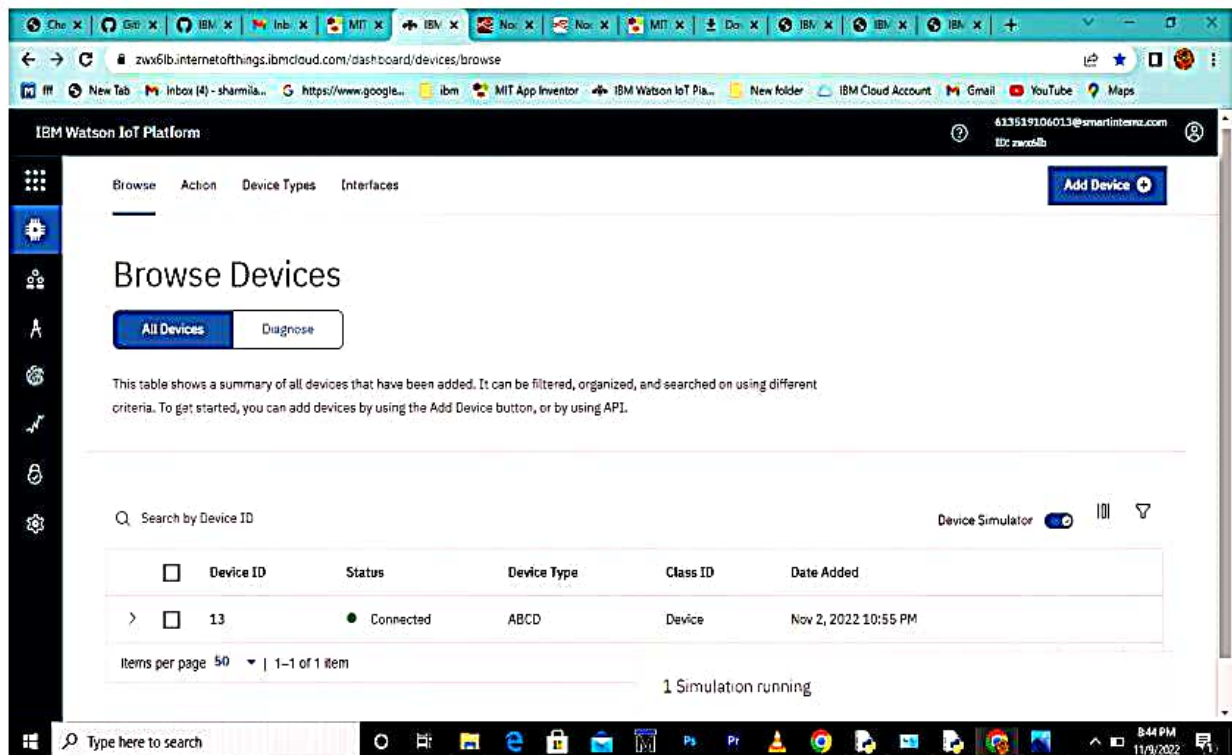
## Dashboard



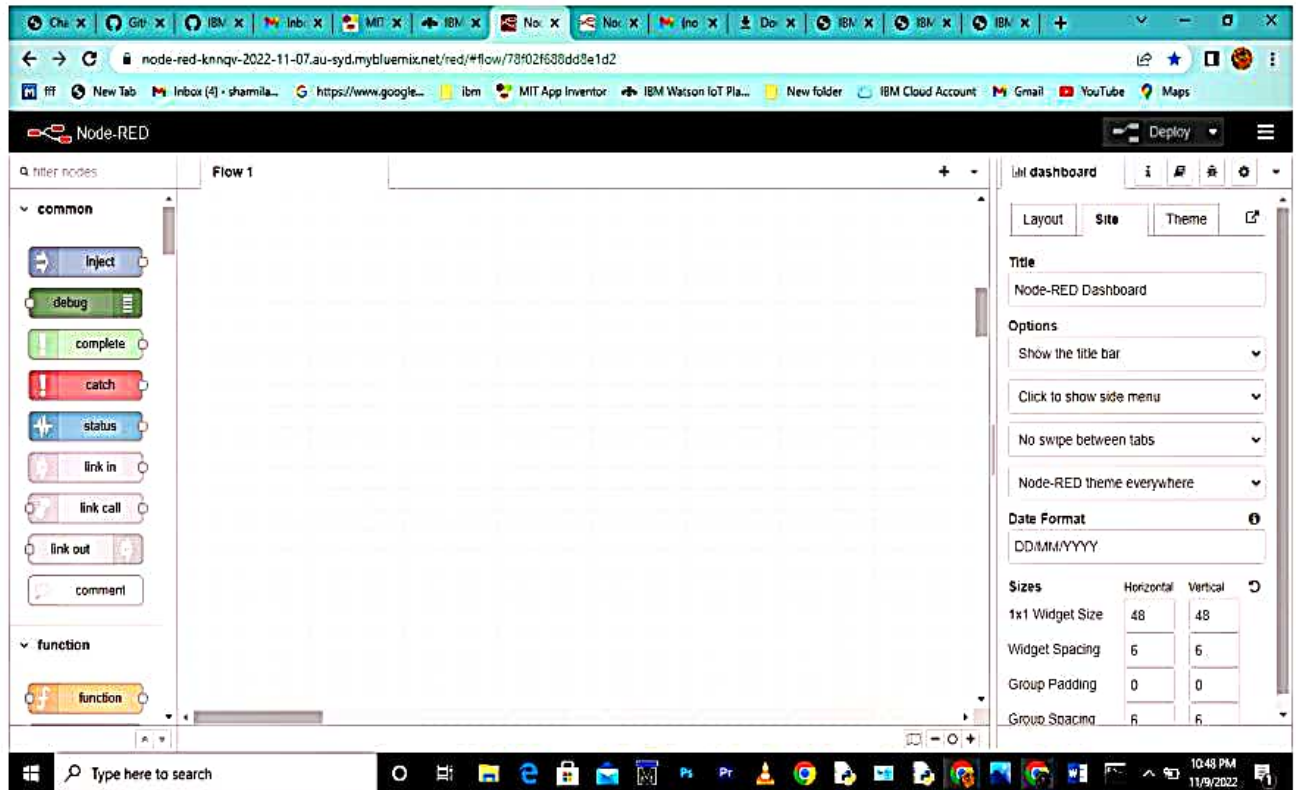
# Create the IBM Watson IOT Platform



## Create the device



# NODE-RED :









# IBM CLOUDANT DB :

Drafts (35) - dharshanraj075@ x Service Details - IBM Cloud x Cloudant Dashboard x Cloudant | IBM Cloud API Doc x New Tab

372abdd0-20b2-4719-9ebb-e33ec675bf9d-bluemix.cloudant.com/dashboard.html

Databases Database name Create Database { } JSON

Your Databases

Name	Size	# of Docs	Partitioned	Actions
childsafety	14 bytes	1	No	  
noderedknnqv20221107	31.1 KB	4	No	  

Showing 1-2 of 2 databases. Databases per page 20 1



The screenshot shows the Cloudant Dashboard interface. The browser tabs include 'Drafts (35) - dharshanraj075', 'Service Details - IBM Cloud', 'Cloudant Dashboard', 'Cloudant | IBM Cloud API Doc', and 'New Tab'. The address bar shows the URL: [372abdd0-20b2-4719-9ebb-e33ec675bf9d-bluemix.cloudant.com/dashboard.html#database/childsafety/\\_all\\_docs](https://372abdd0-20b2-4719-9ebb-e33ec675bf9d-bluemix.cloudant.com/dashboard.html#database/childsafety/_all_docs). The left sidebar shows a navigation menu with options like 'All Documents', 'Query', 'Permissions', 'Changes', and 'Design Documents'. The main area displays a document with the following structure:

Id	key	value
ac51ab89eab166419574f3b85cfdacd	ac51ab89eab166419574f3b85cfdacd	["rev": "1-4dbd80ab6e655d7ba1a192...

At the bottom, it indicates 'Showing document 1 - 1. Documents per page: 20'.

## MIT APP INVENTOR :

### Welcome screen

The screenshot shows the MIT App Inventor web interface. The browser tabs include 'Chat -', 'GitHub', 'IBM-F', 'Inbox', 'MIT A...', 'IBM V...', 'Node', 'Node', 'Node', 'Node', 'M x', 'Down', 'IBM', 'IBM', 'IBM', and '+'. The address bar shows the URL: [ai2.appinventor.mit.edu/#5688740950933504](https://ai2.appinventor.mit.edu/#5688740950933504). The interface is divided into three main sections:

- User Interface:** A list of components on the left, including Button, CheckBox, DatePicker, Image, Label, ListPicker, ListView, Notifier, PasswordTextBox, Slider, Spinner, Switch, TextBox, TimePicker, and WebViewer.
- Design Canvas:** A central area showing a mobile app design. The screen displays the word 'WELCOME' in large letters, a hand holding a smartphone showing a map, and various icons like a location pin, a person, and a family icon. The phone size is set to (505,320).
- Properties Panel:** A right-hand panel showing the properties of the selected component. The 'AboutScreen' properties are visible, including AccentColor (Default), AlignHorizontal (Center), AlignVertical (Center), AppName (Abc), BackgroundColor (Default), BackgroundImage (10e51214-0007-4374-05a4), BigDefaultText (Default), BlocksToolkit (All), CloseScreenAnimation (Default), DefaultFileScope (App), HighContrast (Default), and Icon (100-40130101-outline.png).

At the bottom, there is a 'Media' section showing a list of images: 01.jpg, 04.jpg, and 1667924718239.jpg. The Windows taskbar at the bottom shows the time as 9:04 PM on 11/9/2022.