

# Progress Presentation-I

e-Yantra Summer Internship-2018

NLP-Smart Assistant for eYantra IOT  
&  
IFTTT for IOT

Team:

Onkar J. Sathe

Rohit G. Rathi

Mentors:

Omkar Manjrekar

Vikrant Fernandes

IIT Bombay

# Overview of Project

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### Team:

Onkar J. Sathe

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### Mentors:

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Vikrant

Fernandes

## Overview of Project

### Overview of Task

### Overview of Task

### Task Accomplished

### Challenges Faced

### Future Plans

### Thank You

## NLP-Smart Assistant for eYantra IOT

### ■ Objective

- 1 Building a NLP based chatbot to access eYantra IOT platform through text and voice control over the Web portal and through Google Assistant!

### ■ Deliverables

- 1 The assistant should at least be perform all of frequent queries that take place.
- 2 User can see device data plotted in the chat interface itself.
- 3 A web chatbot interface to be integrated with IoT Platform

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Task.no	Task	Deadline
Week 1		
1	Understanding e-Yantra IoT Platform and its APIs	2 days
2	Getting familiar with Dialogflow and required programming languages	2 day
3	Gathering phrases to train the agent.	3 days
Week 2		
4	Adding entities and intents	3 days
5	Take actions on the output of phrases returned by API properly and ask for missing information if any	1 day
6	Testing this and the speech interface and retraining on more examples if required.	3 days

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Task.no	Task	Deadline
Week 3		
7	Develop a proper web interface to be integrable with IoT platform designing throughout the website.	4 days
8	Integration with E-Yantra platform and a demo application top of Growbox.	2 day
Week 4		
9	Documentation.	2 days
10	Also develop a mobile interface (optional)	5 day

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- List all tasks that have been accomplished with details of completion viz., What has been proposed, what is accomplished and what is remaining
- Include images/demo of accomplished work

# Challenges Faced

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Presentation-I

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- List challenges faced while accomplishing the task.

# Future Plans

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Task

Accomplished

## Challenges Faced

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## Thank You

- List deliverables for next progress presentation

# Thank You

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THANK YOU !!!