

SUMMER INTERNSHIP/TRAINING

On **Voice App Development**

Submitted by

Suman Kumar Registration No: 12014772

Program Name : Computer applications

Index

S. No.	Title	Page No.
1	Acknowledgment	3
2	Certificate	4
3	Introduction	5
4	Stage of Voice App Development	8
5	Voiceflow	9
6	Data	10
7	Voiceflow Interface	12
8	Technical learnings	13
9	Introduction of project	19
10	Images of project	21
11	Grade sheet of project	32
12	Biblography	33

Acknowledgment

The internship opportunity I had with **Intern-shala** was a great chance for learning and professional development. Therefore, I consider myself as a very lucky individual as I was provided with an opportunity to be a part of it. I am also grateful for having a chance to learn from professionals who led me through this internship period.

I express my deepest thanks to Training and Placement Coordinator, School of Computer Application, Lovely Professional University for allowing me to grab this opportunity. I choose this moment to acknowledge his contribution gratefully by giving necessary advices and guidance to make my internship a good learning experience.

[Suman Kumar] [12014772]



Certificate of Training

Suman Kumar

from Lovely Professional University has successfully completed a 6-week online training on Voice App

Development. The training consisted of Getting Started with the Voice Platform, Building Your Own Apps,

Integration with Integromat, Introduction to the Linux Operating System, Introduction to Python, and Final Project

modules.

In the final assessment, Suman scored 80% marks.

We wish Suman all the best for future endeavours.

Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2022-06-26

Certificate no.: 15B3213F-F8B6-0773-33A8-D52C670B7733

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

Introduction

A voice application is every app that relies on the users expressing their requests or searches—queries through spoken commands and then responds to you by completing the required action or providing information based on the users intent.

The Amazon Echo, the Google Home, and the Apple HomePod are becoming more integrated into consumers' daily lives. We are using such devices to provide us with useful information and entertainment. Voice-activated devices, and the apps that control them, are a promising new area for both businesses and brands.

We can mainly follow on voice app development





Voice assistants enable people to access information faster and more easily by simply speaking to a voice assistant-enabled device.



Quick Action

A touchless interface allows users to just speak to the devices and an action happens. This reduces the time spent on manual texting on a screen.



Boost Branding

Presence of voice applications boosts the brand image of any company, product, or service and positions it for improved revenue.

"With hands-free interaction, efficient results, greater customer convenience, user-friendliness, and cutting-edge results, voice applications have proven to be winners in every aspect of product development!"









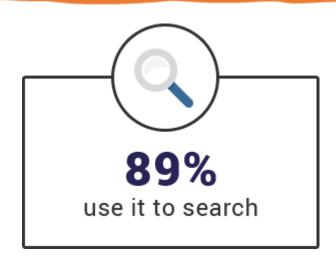
Current Use Of Voice Assistants And Estimated Rate Of Growth

3.25 billion voice assistants are in use today, and it will rise to about 8 billion in 2023 and the growth rate between 2019 and 2023 will be 25.4%.





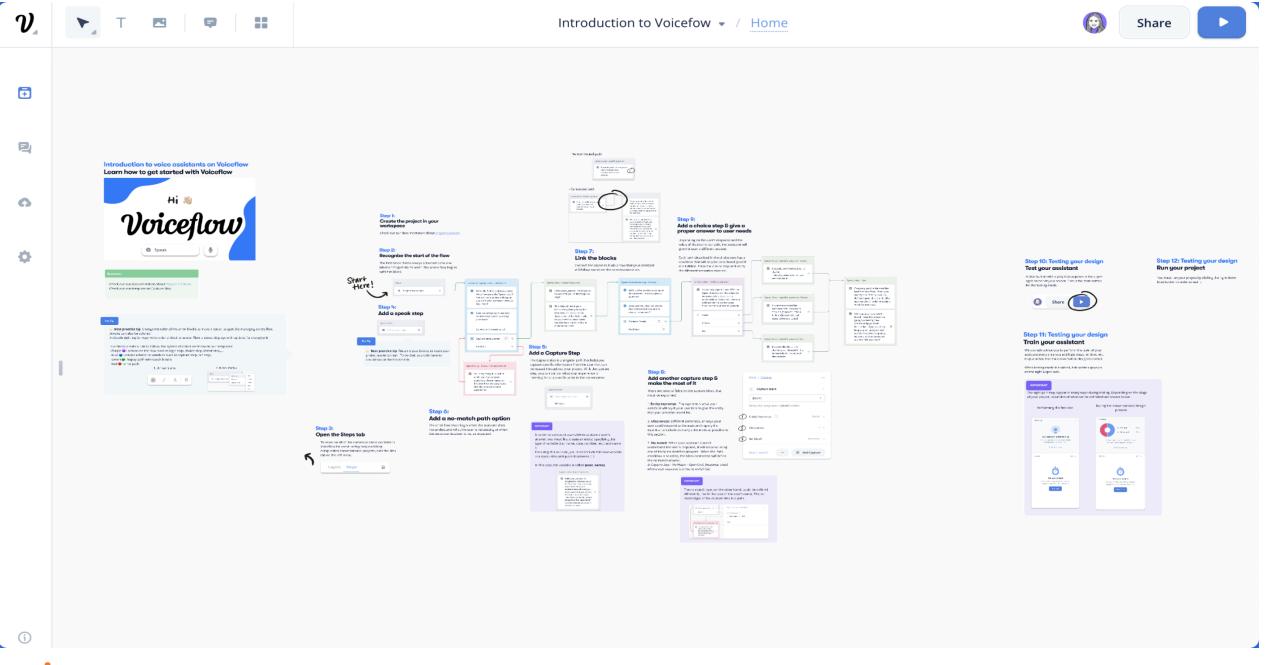
What Do the People Like to Do Most with Voice Assistants





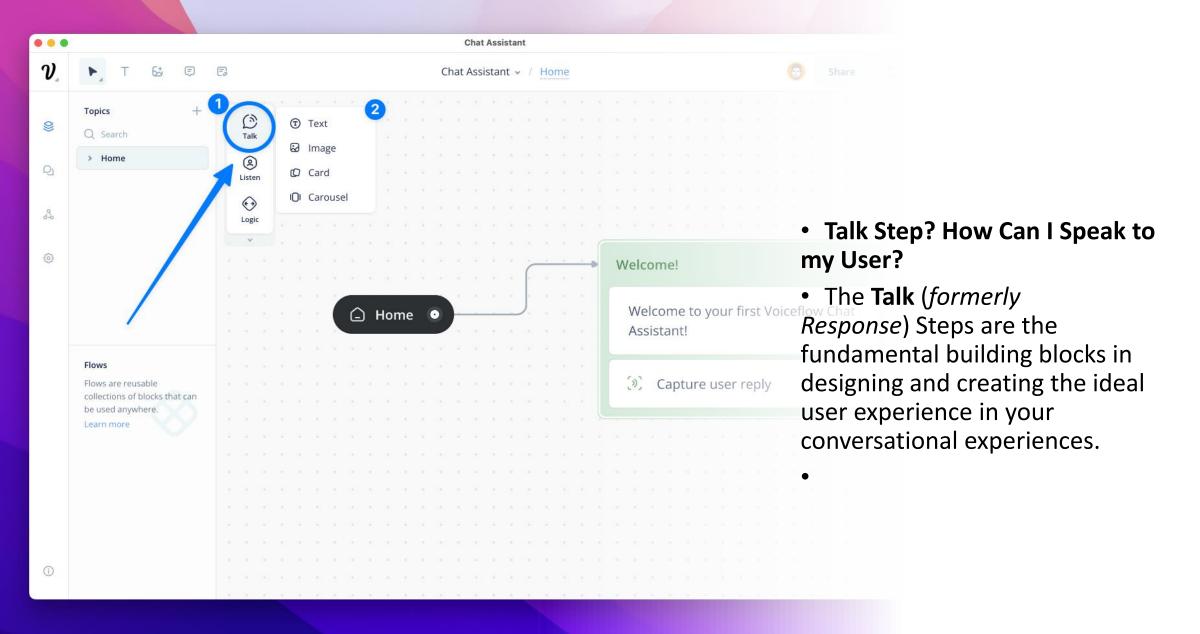
Consumers who are using voice and text both tend to love voice search more

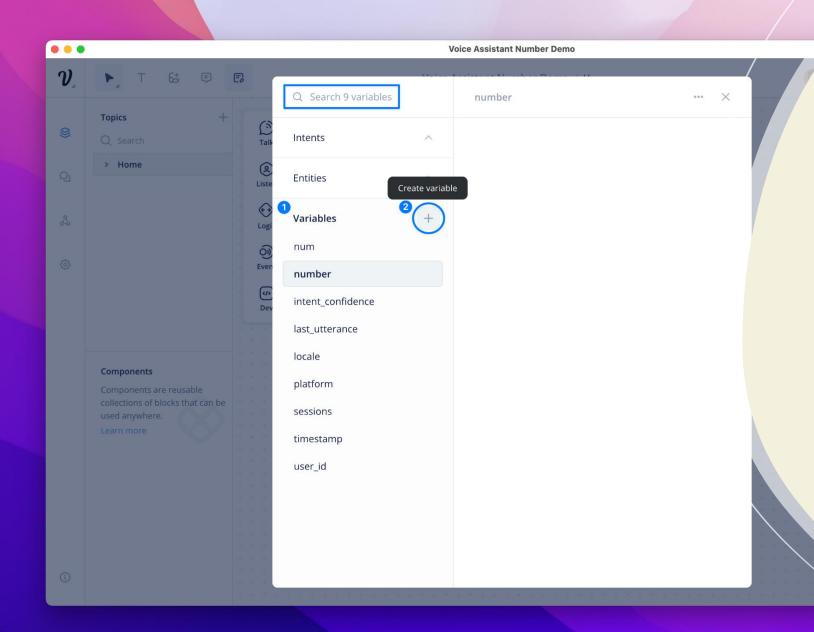
84% of voice, assistant users say they'd rather search via voice than by typing



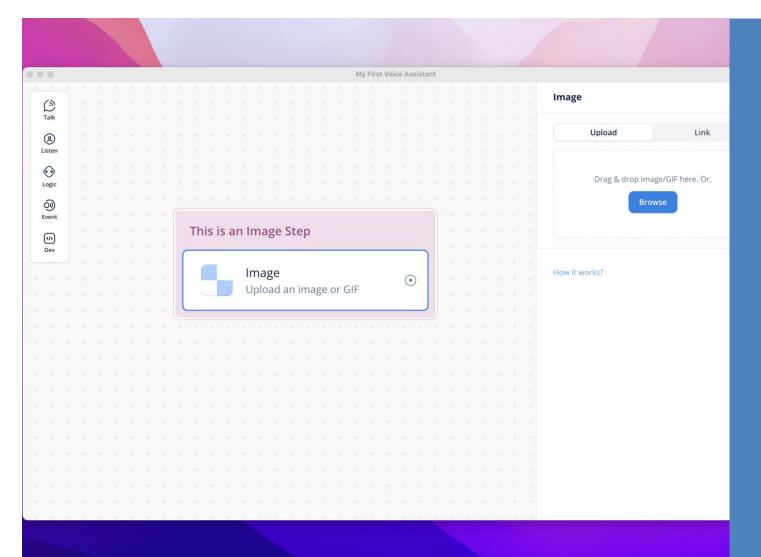
Technical learnings





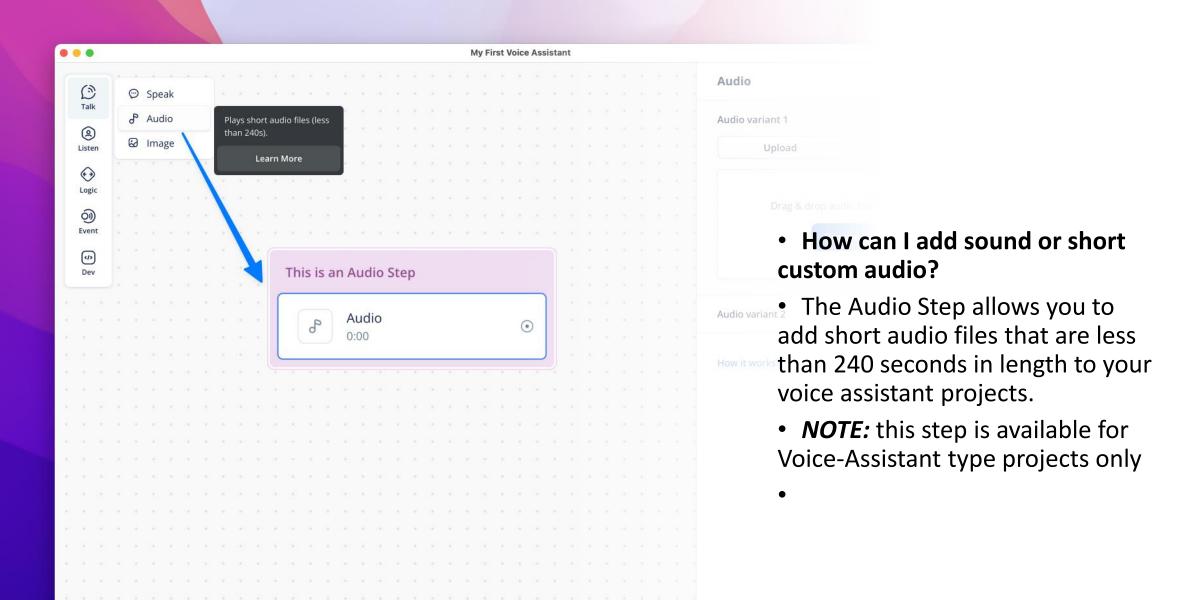


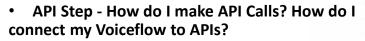
- How do I create a variable?
- You can create **variables** in your project in multiple different ways:
- In any **Talk Step** type, start typing in the input field with the left (curly) brace '**{**' and hit **Create**
- In the **Condition Step**, in any of the **If** (**Add a condition**) fields with the same method above
- In the API Step, in any of the input fields with the same method above
- In the **NLU Model (M) Manager** (or Modal Manager or Interaction Model Manager), under the **Variables**, enter the name of the Variable and hit **Enter** ↔



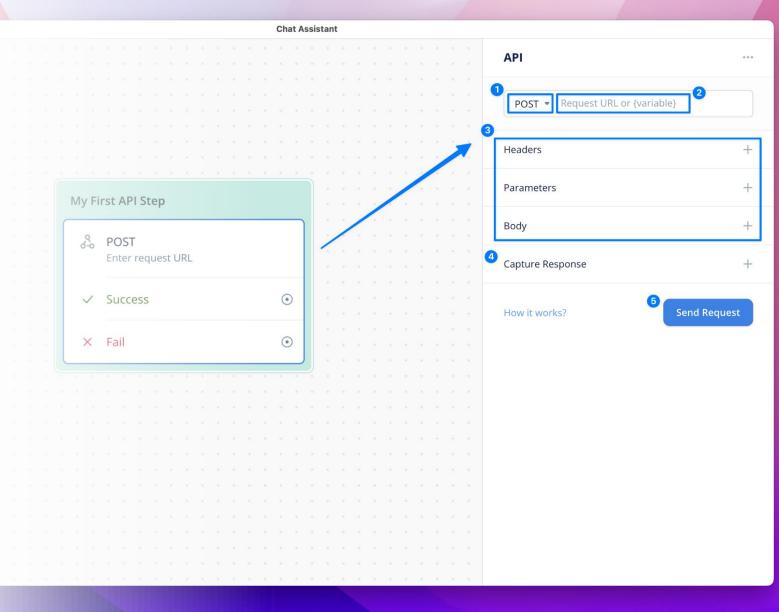
- How do I add images to my conversation design or assistant?
- The **Image Step** allows you to include Images and/or GIFs in your voice and chat projects.
- For **chat-based** projects, your visuals will show up as in-line visuals within the chat dialog.
- For **voice-based** projects, your visuals will appear on your devices screen, in parallel with the voice-based interactions.

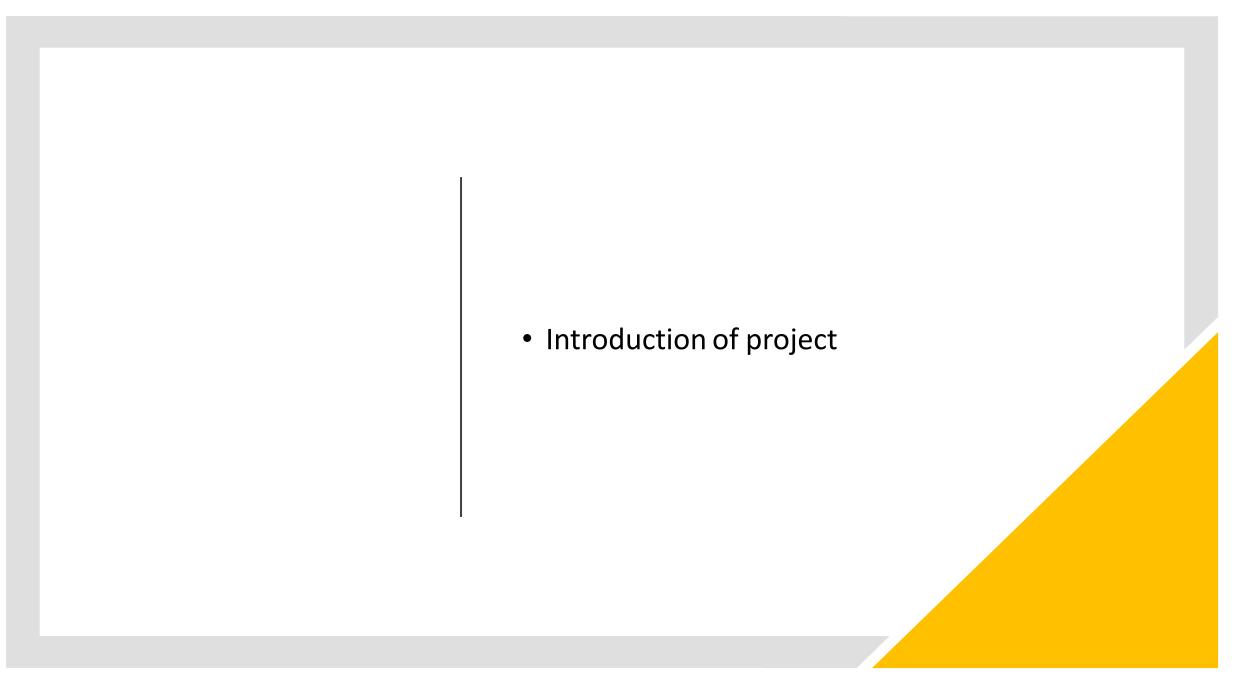
•





- The API Step allows you to make custom API calls to connect your project with external APIs and data.
- The API block consists of several parts:
- The request type- GET, POST, PUT, DELETE, PATCH (1)
- The endpoint- request URL (2) or {variable}
- **Headers, Body and Params** respective (3) parameter keys & values (can input raw body content code)
- Capture Response- entering respective keys & saving/capturing to variables (4)
- **Send Request** test the API Step or call/request directly from Canvas (5)







• Voice Assisted Weather App. Overview. A simple weather application which extracts location information from voice commands and displays weather details.





CREATE WORKSPACE





Drop workspace icon here or Browse (optional)

Continue



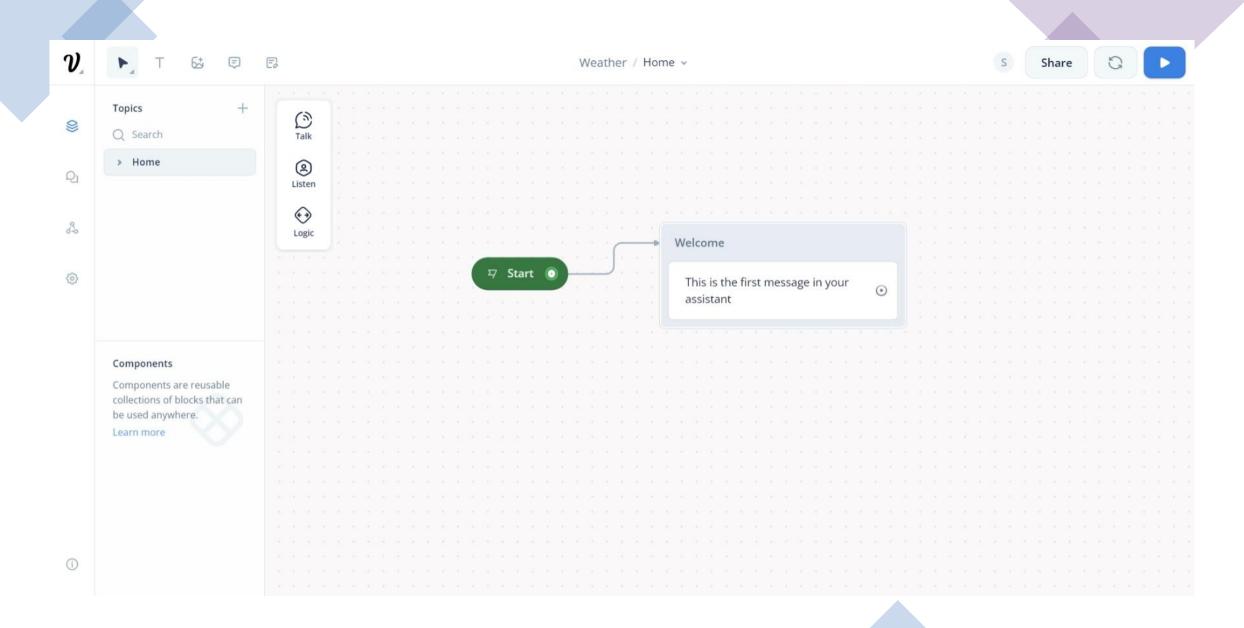


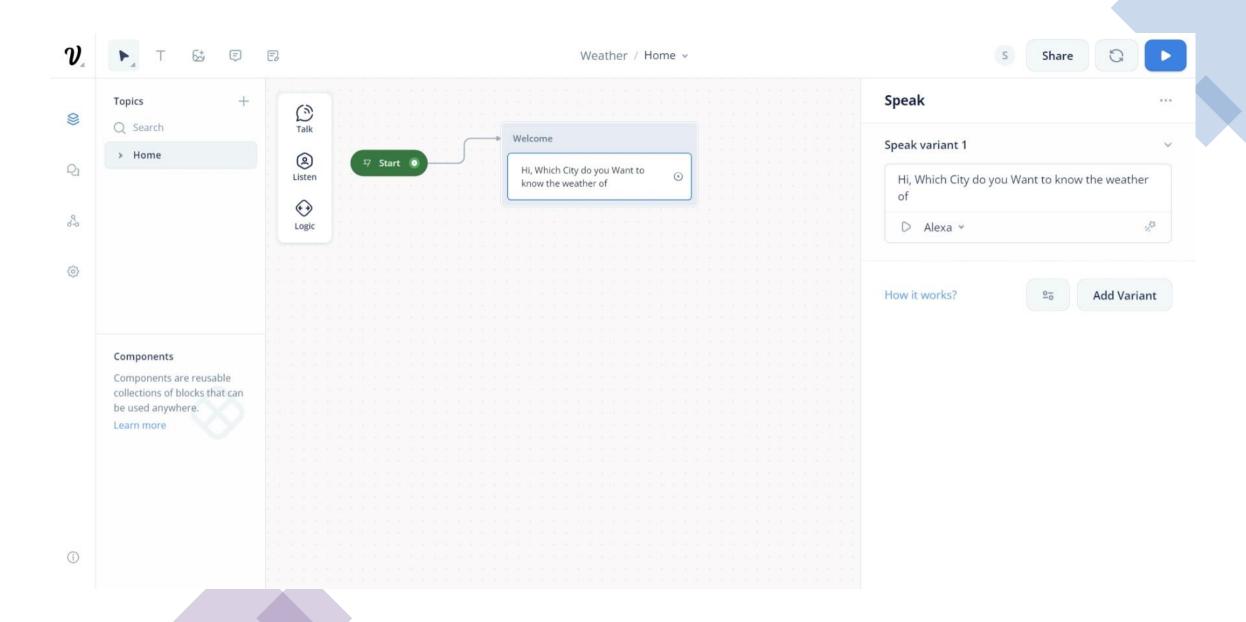
No Projects Found

This workspace has no projects, create one. Learn more

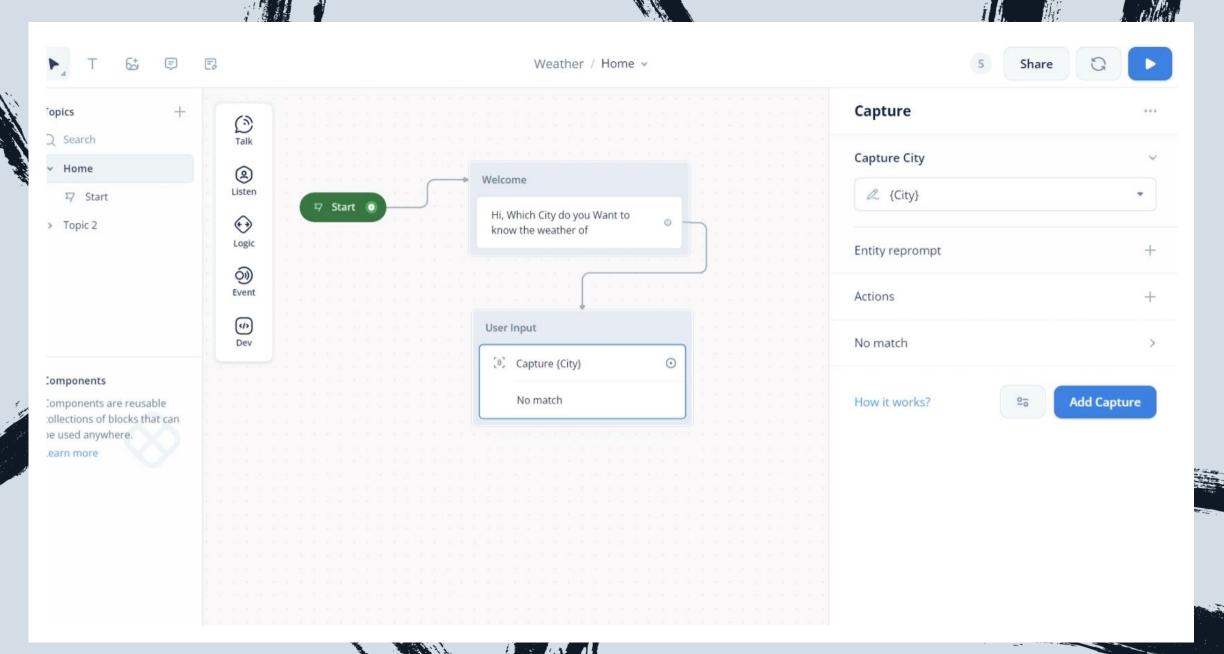
New Project

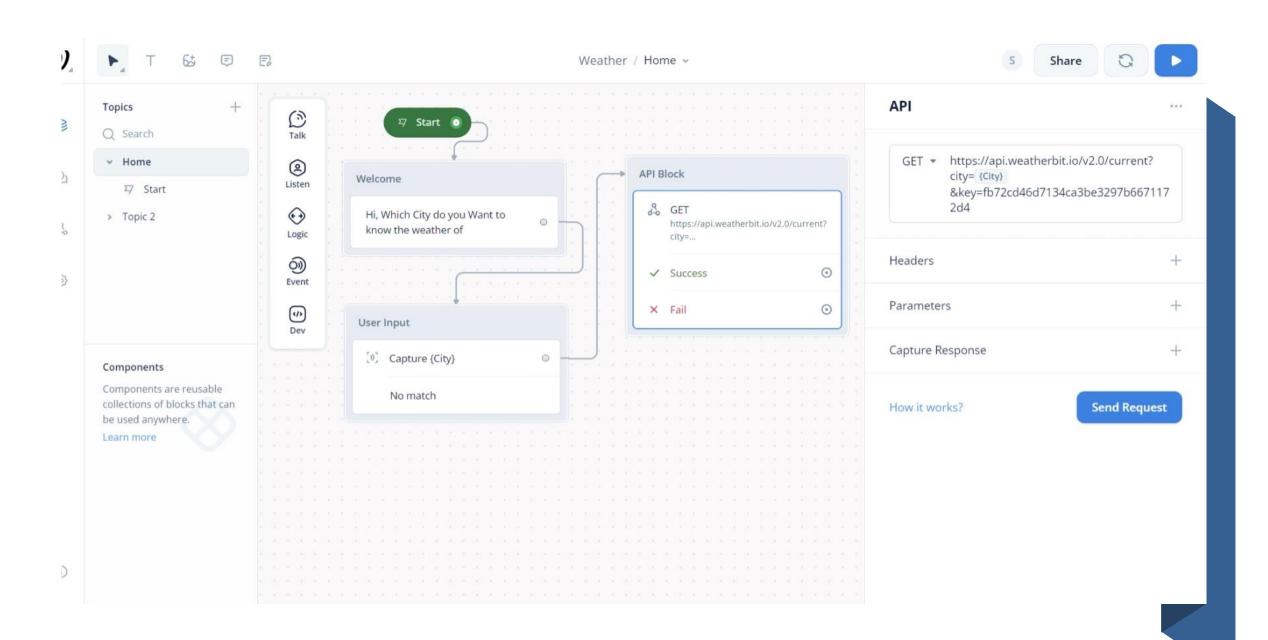


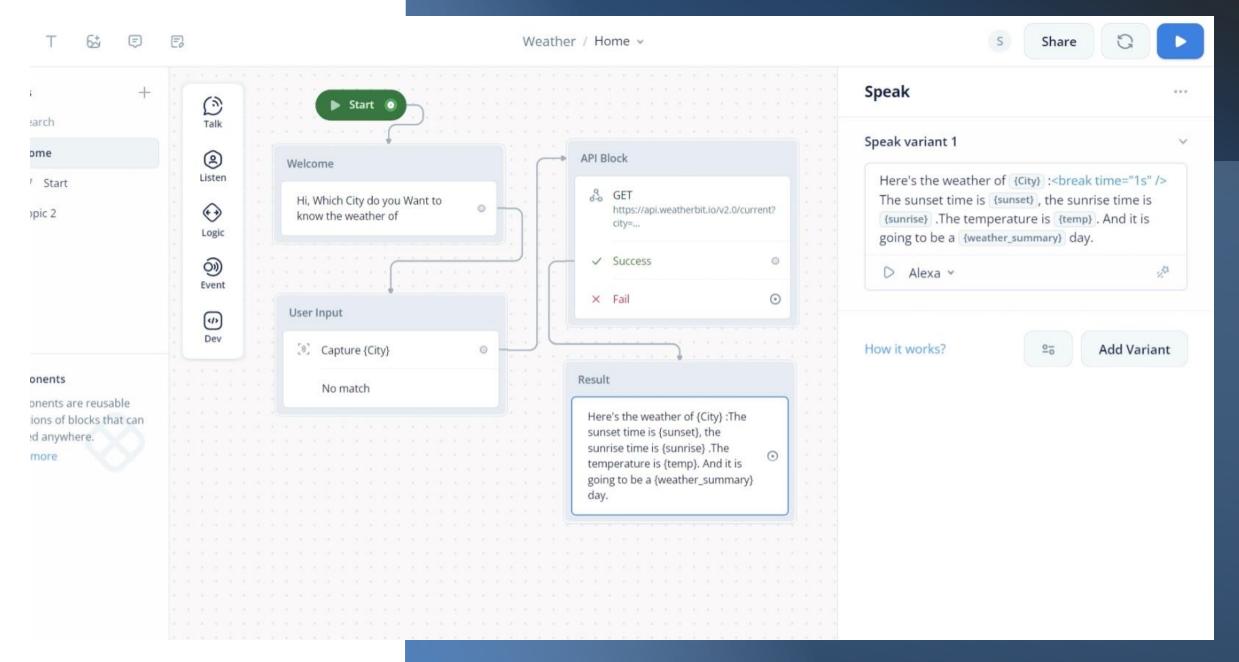


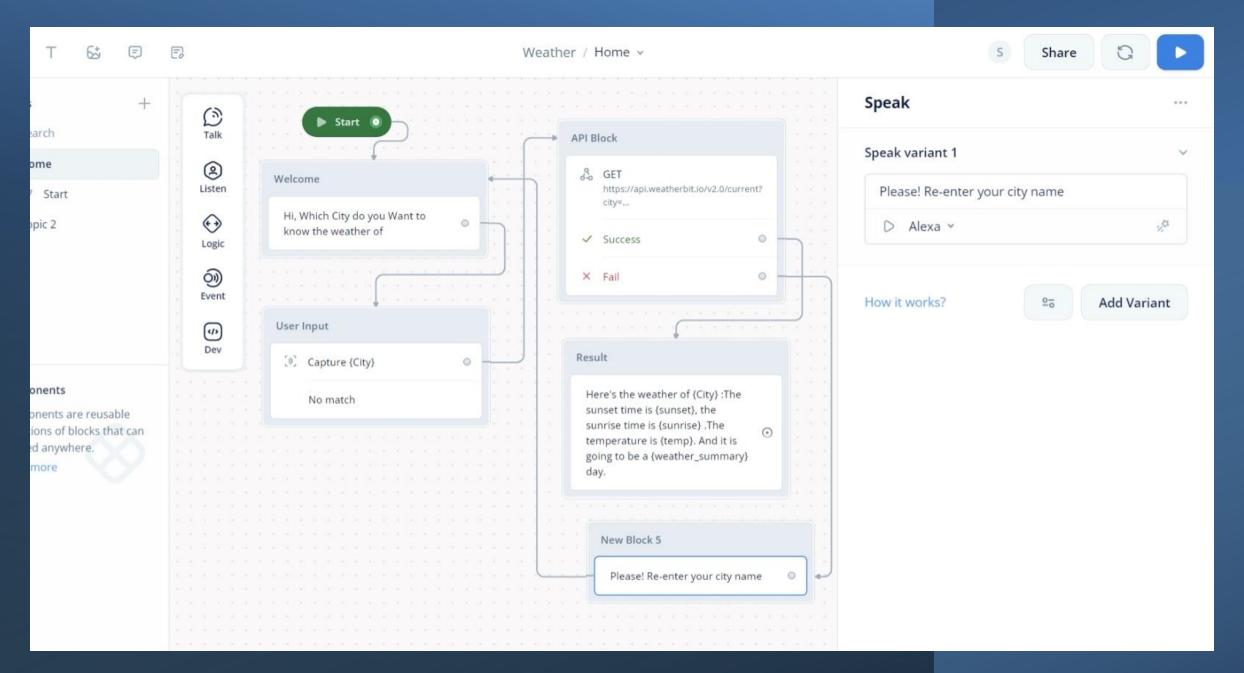


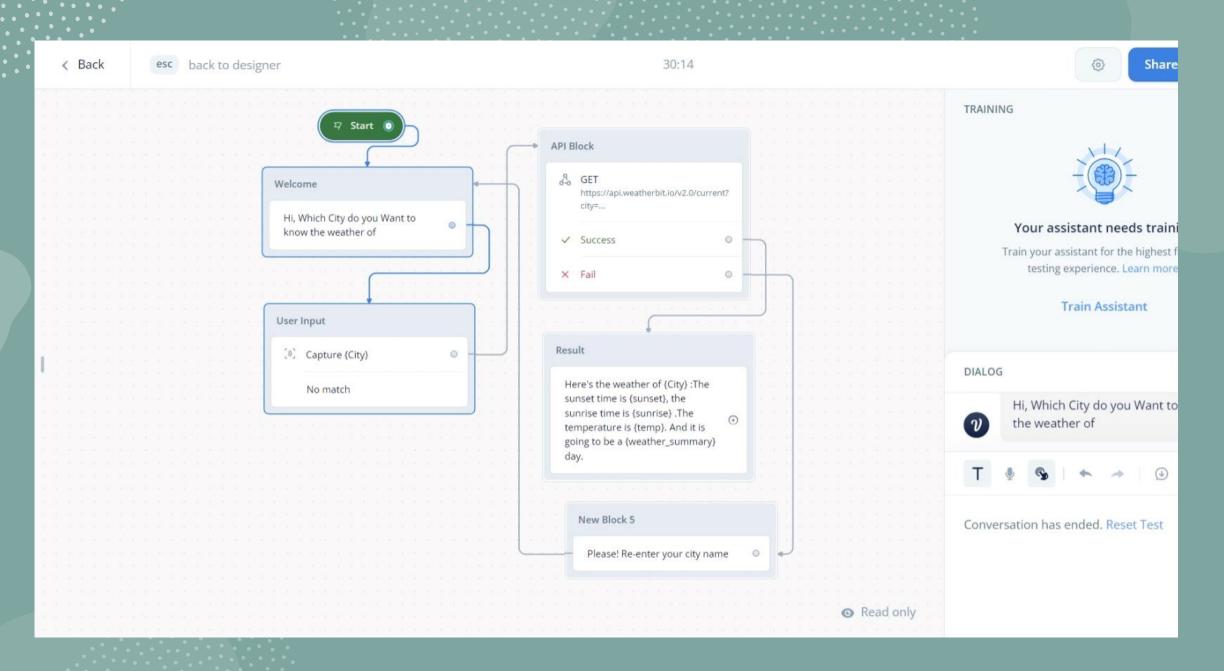
Page 25 of 34







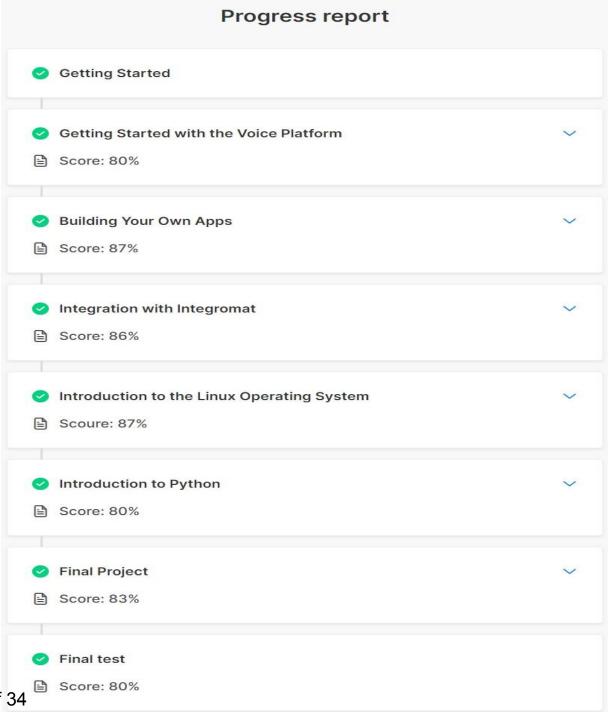


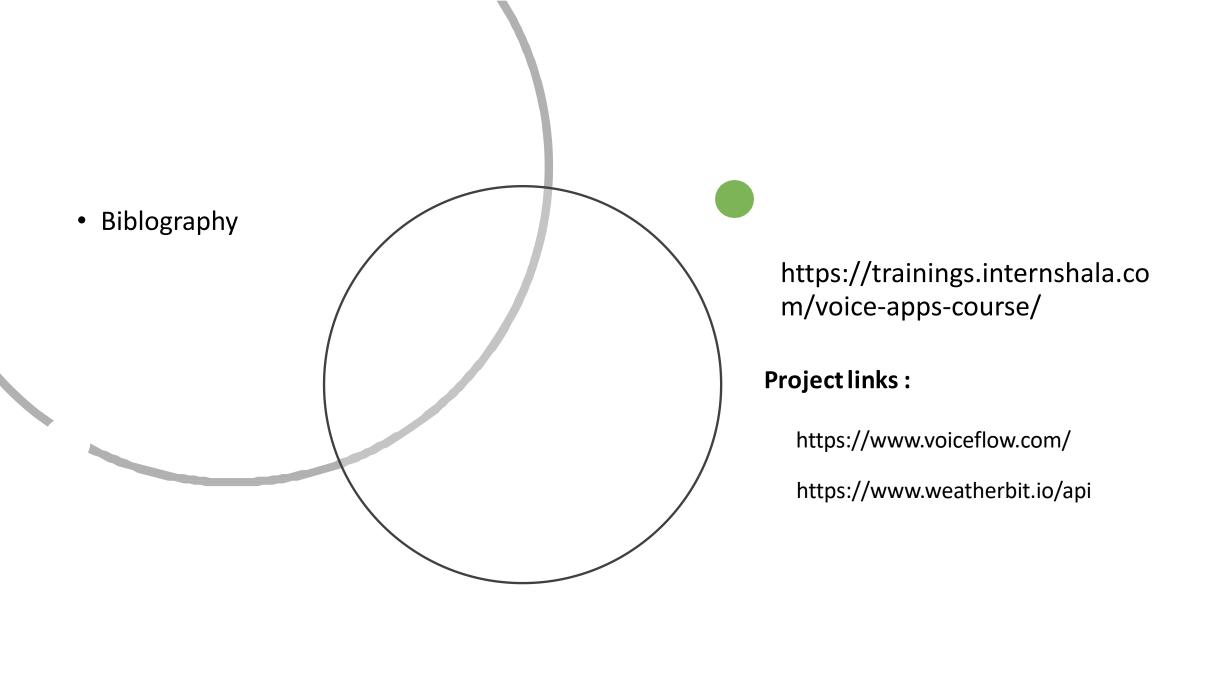


	API Keys / Admin
=	Billing / Manage Subscription
\$	API Pricing
	API Documentation
A	API Status
•	Support
(+	Log Out

Plan	Details	
Free	500 calls/day	
	16 day forecasts	
	60 minute forecasts	
	Non-Commercial use only	
	95.0% Uptime	
API Key	Name	
fb72cd46d7134ca3be3297b6671172d4	Master API Key	0
Email	Access	
sumannauranga@gmail.com	Login/Admin	
Company Information		
Business Name		Update
VAT ID (if applicable)		Update
Billing Currency	USD	

Grade sheet of project:





• Thank you

