

Project Requirements

S. No.	Requirement/ Feature	Completed
1	<i>Desktop assistant greets 'Good morning', 'Good afternoon', 'Good evening' or 'Good night' based on time of the day</i>	Yes
2	<i>Assistant accepts voice inputs and displays them on the screen</i>	Yes
3	<i>Telling time</i>	Yes
4	<i>Opeing Google</i>	Yes
5	<i>Opeinng YouTube</i>	Yes
6	<i>Telling news headlines</i>	Yes
7	<i>Searching Wikipedia</i>	Yes
8	<i>Opening Gmail and sending emails</i>	Yes
9	<i>Performing web searches</i>	Yes
10	<i>Telling a joke</i>	Yes

11	<i>Making notes and reminders</i>	Yes
12	<i>Runs timer for 25 minutes</i>	Yes

Testing

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes
Yes

TOODLES

YOUR VERY OWN PERSONAL ASSISTANT

Speak something!

Help

Pomodoro Time

Stop

Help

INSTRUCTIONS FOR COMMAND:

General:

To make a Wikipedia search on any topic, please use the word 'Wikipedia' in your instruction.

To open YouTube, please say 'Open YouTube'.

To open the Google homepage, please say 'Open Google'.

To know the time, please include 'time' in your instruction.

To know the news headlines, please include 'News' in your instruction.

To conduct a general websearch or play anything from the web, please use 'search' or 'play' in your instruction.

For a joke, please use 'joke' in your instruction.

To make the assistant read a PDF, please use 'PDF' in your statement

Notes:

To write a note, please include 'Write a note' in your instruction.

To view your notes, please use 'Show note' in your instruction.

GMail related:

To open GMail, please say 'Open Gmail'.

To send an Email to a particular person, please include 'Send email to' or 'Send an email' in your instruction. And then mention the reciever's email address.

NOTE: You can only avail these two features if you have changed the security settings in your GMail to 'allowed' for access to low-security apps.

Buttons:

Speak something button allows you to give instructions to Toodles.

Help button leads you to the user manual.

Pomodoro Timer button starts a timer for twenty five minutes.

Stop button shuts down the program.

Event Handlers

S. No.	Element	Action
1	Run the app	Opening the app
2	Speak Something button	Ask Toodles 'Who are you?' or 'Who made you?'
		Ask time
		Ask to open Google
		Ask to open YouTube
		Ask for a Wikipedia search
		Ask for news headlines
		Ask for opening gmail
		Ask to take down note
		Ask to show note
		Ask to write an email and send
		Ask for a joke
		Ask for a websearch on any topic
3	Help button	Click on button
4	Stop button	Click on button
5	Pomodoro button	Click on button

Matrix

What happens?

<i>Toodles greets you depending on the time of the day</i>
<i>Toodles replies by introducing itself as an assistant and states creator's name.</i>
<i>Tells you the current time</i>
<i>Opens the Google homepage</i>
<i>Open your YouTube homepage</i>
<i>Reads out the summary of the topic from Wikipedia</i>
<i>Opens Times of India news home page to display headlines</i>
<i>Opens gmail</i>
<i>Takes down note</i>
<i>Shows stored notes</i>
<i>Does the required</i>
<i>Tells a joke</i>
<i>Performs the websearch</i>
<i>Gives instructions for all the commands that can be given to the Assistant</i>
<i>Stops the program</i>
<i>Starts a timer for 25 minutes</i>

S. No.	Element	Action
1	Run the app	Opening the app
2	Click on 'Say something' button	Ask Toodles 'Who are you?' or 'Who made you?'
		Ask time
		Ask to open Google
		Ask to open YouTube
		Ask for a Wikipedia search
		Ask for news headlines
		Ask for opening Gmail
		Ask to write an email and send
		Ask to take down a note
		Ask to show note
		Ask for a joke
		Ask for a websearch on any topic
3	Help button	Click on button
4	Stop button	Click on button
5	Pomodoro button	Click on button

Test Plan

What happens?	Tested	Results
<i>Toodles greets you based on the time of the day</i>	Yes	<i>Toodles greets us 'Good morning', 'Good afternoon' or 'Good evening' based on the time.</i>
<i>Toodles replies by introducing itself as a personal assistant and tells the creator's name</i>	Yes	<i>Does the desired</i>
<i>Tells you the current time</i>	Yes	<i>Tells time</i>
<i>Opens the Google homepage</i>	Yes	<i>Opens Google</i>
<i>Opens the YouTube homepage</i>	Yes	<i>Opens YouTube</i>
<i>Wikipedia</i>	Yes	<i>Performs the search</i>
<i>display headlines</i>	Yes	<i>Opens Times of India page</i>
<i>Opens Gmail</i>	Yes	<i>Opens Gmail</i>
<i>Does the required</i>	Yes	<i>Send email</i>
<i>Takes note</i>	Yes	<i>Takes note</i>
<i>Shows stored notes</i>	Yes	<i>Shows notes</i>
<i>Assiatnt tells a joke</i>	Yes	<i>Tells a joke</i>
<i>Performs the websearch</i>	Yes	<i>Performs websearch</i>
<i>Opens all instructions required for every action.</i>	Yes	<i>Opens instructions</i>
<i>Exits the program</i>	Yes	<i>Stops running the program</i>
<i>Starts a timer for 25 minutes</i>	Yes	<i>Starts the timer</i>



Pass/ Fail	Corrected
Pass	Yes
Pass	Yes
Pass	Yes
Pass	Yes
Pass	Yes
Pass	Yes
Pass	Yes
Pass	Yes
Pass	Yes
Pass	Yes
Pass	Yes
Pass	Yes
Pass	Yes
Pass	Yes
Pass	Yes
Pass	Yes



