

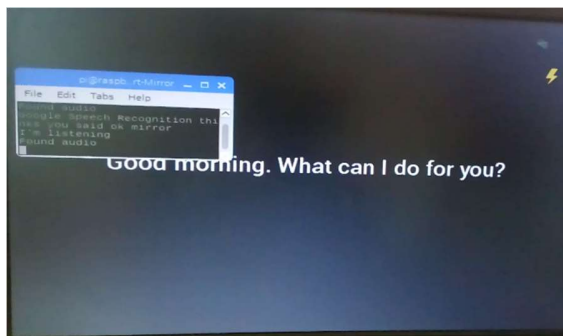
**SHRI RAMDEOBABA COLLEGE OF ENGINEERING & MANAGEMENT,  
NAGPUR  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**ASSESSMENT OF THE PROJECT 2017-18**

<b>Title of the Project</b>	<b>i-Mirror : A Smart Mirror with Artificial Intelligence</b>
<b>Student Names</b>	1. Ankita Singh 2. Bhavika Assudani 3. Isha Bahendwar 4. Nandini Jain 5. Ruchit Bhardwaj 6. Saburi Hindaria
<b>Semester &amp; Shift</b>	VI (Shift-1)
<b>Guide Name</b>	<b>Prof. Vasundhara Rathod</b>

<b>Criteria</b>
<b>1. Classification and Technology</b> Artificial Intelligence Software used: Python, JSON, JavaScript, DarkSky.net, Wit.ai Hardware Used : Raspberry Pi Version 3 Model B
<b>2. Project Objectives</b> To develop and implement an Artificial Intelligence equipped Smart Mirror that can interact with the person standing in front of it and provide answers to specific questions along with a customized newsfeed for a better user experience.
<b>3. Methodology and Implementation</b> The completion of the module was made possible by Raspberry Pi Model 3 Version B though the lack of processing power gave the project a few hitches. Basically, the user's question is converted to text using Google Speech to Text. This text is processed in Wit.ai (the platform which was used to train the AI). The answer is found out and a sentence is generated which is converted to speech again and spoken aloud thus completion of cycle of operation.
<b>4. Project Outcome</b> <ul style="list-style-type: none"> <li>• An Interactive Assistant.</li> <li>• Customizable Feeds and Updates</li> <li>• Weather Updates</li> <li>• Touch free user interaction</li> <li>• Voice Recognition Features</li> <li>• Job of a conventional mirror.</li> </ul>
<b>5. Success of the project and Industry Involvement</b> The project was successfully built and completed and can serve as successfully contribute towards making our lives a less hectic and easy.

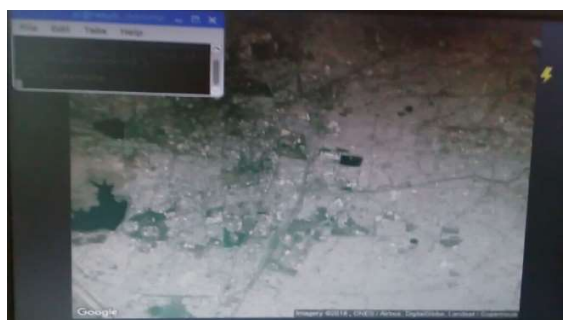
## PROJECT SCREENSHOTS



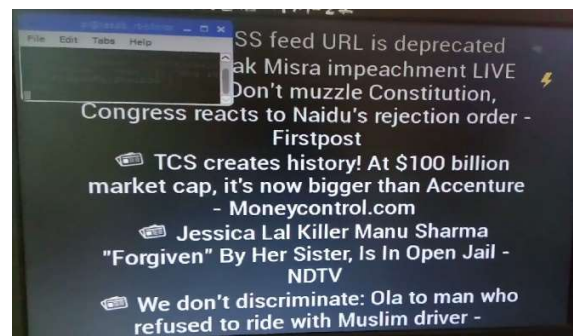
Screenshot 1: Initialization



Screenshot 5: Weather Forecast



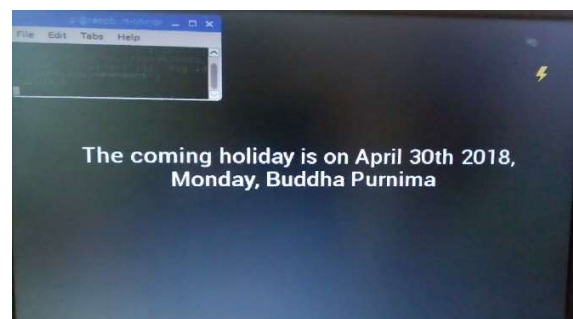
Screenshot 2: Terrain Map (Nagpur)



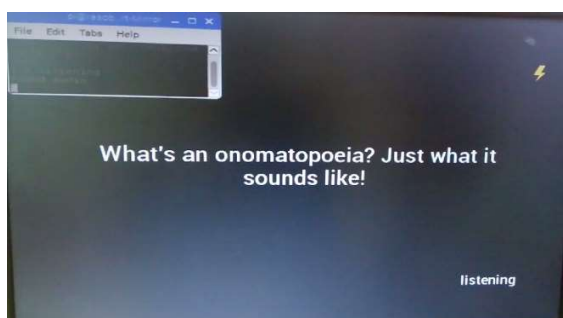
Screenshot 6: News Headlines



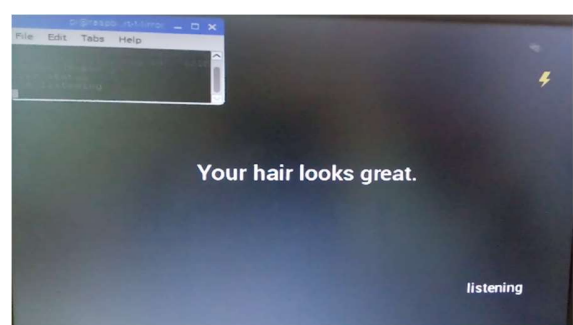
Screenshot 3: Road Map (Nagpur)



Screenshot 7: Next Holidays



Screenshot 4: Joke



Screenshot 8 : Comment on Appearance

**Prof. V. Rathod**  
**Project Guide**

**Dr. M.B. Chandak**  
**HOD, CSE**

**Prof. V. Bongirwar**  
**Project Coordinator**