Artificially Intelligent Smart Mirror using Raspberry Pi

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Abstract

In this era of evolving technology, the human life is becoming simpler and time efficient. This paper depicts the design and development of smart mirror which will make our everyday life easier and time efficient. Smart Mirror is a simple mirror which has been enhanced by the help of technology. The aim of the smart mirror is to provide an easy way to information service such as news feeds, weather, clock etc. It also provides some basic AI features like real time interaction with users and so on. The Smart Mirror CPU is the Raspberry Pi 3 computer and the framework that retrieves data from the web through the Wi-Fi connectivity. Through facial recognition and speech recognition model, Smart Mirror can identify the user.

References

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**Index Terms**

Computer Science  
Artificial Intelligence

**Keywords**

Artificial intelligence, speech recognition, facial recognition.