**Result:** The Home Appliances are controlled

using User Interface over cloud and Machine

Learning Algorithm is used for Monitoring the

User Behavior

**Objective:** The objective of this project

is to implement a low cost, reliable home

automation system that can be used to

remotely control the electrical appliances

as well as to provide system scalability.

**Abstract:** This project focuses on the development

of home automation system based on internet of

things which allows the user to automate all the

devices and appliances of home and merge them

to provide seamless control over every side of

their home. The data can be used to predict the

user’s behavior custom with the development

of a machine learning algorithm, and then the

prediction results can be employed to enhance

the intelligence of a smart home system.

**IoT Based Home Automation System Over Cloud**

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