

SYNOPSIS OF THE PROJECT

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Shared folder/git repository details	https://github.com/AngelaSony/MainProject
Project Title	IoT Automatic Control System Based on User Command Analysis
<p>Description of Project:</p> <p>When IoT is used inside the home, it arranges the smart device and connects it to a single network for data communication. Applications can also be used to remotely control smart devices or monitor the internal environment measured by sensors. Accordingly, the smart device in the home is controlled to provide the service to the user.</p> <p>Existing IoT systems provide services such as environment control and repeating operation. As the work progresses automatically, there is a problem with accuracy. Accordingly, the user should be able to receive the service at a desired time. Also, it is required to provide a user oriented service by changing the system according to the user.</p> <p>To solve this problem, Here proposing a system that automatically analyzes the user 's remote control commands and then controls the environment inside the home. It also visualizes and displays smart device usage overtime.Then, the user can operate by selecting the automatic operation mode and the remote control mode. In this way, since the operation inside home is performed by analyzing the user's smart device usage record, it is possible to provide a user-customized service. As a result, it is possible to provide a service with higher accuracy unlike the existing system.</p>	
Front end and Backend Tools	Android
Date of Submission:	