

Plantie™

Kamil Choiński, Oskar Stabla

November 23, 2019

Contents

1 Wstęp, Cel i zakres projektu

Project goal is to create a website to remotely manage microcontroller using Wi-Fi network and ESP8266 module. A user will be able to water the plant monitor the plant's soil.

2 Project functionalities

2-way communication between ESP8266 and the website. Data visualization. Remote watering and fertilizing the soil. Turning the light on and off.

3 Schedule

3.1 Week 1

Creating site sketch in HTML

3.2 Week 2

Creating CSS styles

3.3 Week 3

Getting acquainted with Node.js technology

3.4 Week 4

Setting up page on a server

3.5 Week 5, 6

Implementing our 2-way communication system

3.6 Week 7, 8

Final technical and visual modifications. Tests

4 Technologies planned to use

HTML, CSS, JavaScript, Node.js, C, LaTeX