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| **­** | **MINISTRY OF EDUCATION AND TRAINING** |

**FPT UNIVERSITY**

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| **Report 3** | |
| **Parking Guidance System Solution** | |
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| **Capstone Project Code** | PGSS |

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# Table of Contents

[Table of Contents 1](#_Toc472704564)

[List of Tables 3](#_Toc472704565)

[List of Figures 3](#_Toc472704566)

[Definitions, Acronyms and Abbreviations 3](#_Toc472704567)

[B. Software-Hardware Project Management Plan 4](#_Toc472704568)

[1. Problem Definition 4](#_Toc472704569)

[1.1. Name of this Capstone Project 4](#_Toc472704570)

[1.2. Problem Abstract 4](#_Toc472704571)

[1.3. Project Overview 4](#_Toc472704572)

[1.3.1. Current Situation 4](#_Toc472704573)

[1.3.2. The Proposed System 4](#_Toc472704574)

[1.3.2.1. Interaction Block 5](#_Toc472704575)

[1.3.2.2. Information Block 5](#_Toc472704576)

[1.3.2.3. Central Control Unit 5](#_Toc472704577)

[1.3.2.4. Web API Server 5](#_Toc472704578)

[1.3.2.5. Mobile Application 5](#_Toc472704579)

[1.3.3. Boundaries of the System 5](#_Toc472704580)

[1.3.4. Future Plans 6](#_Toc472704581)

[1.3.5. Development Environment 7](#_Toc472704582)

[1.3.5.1. Hardware requirements 7](#_Toc472704583)

[1.3.5.2. Software requirements 8](#_Toc472704584)

[2. Project organization 8](#_Toc472704585)

[2.1. Software Process Model 8](#_Toc472704586)

[2.2. Roles and responsibilities 9](#_Toc472704587)

[2.3. Tools and Techniques 10](#_Toc472704588)

[3. Project Management Plan 11](#_Toc472704589)

[3.1. System development life cycle 11](#_Toc472704590)

[3.2. Plan Detail 13](#_Toc472704591)

[3.3. All Meeting Minutes 16](#_Toc472704592)

[4. Coding Convention 16](#_Toc472704593)

[4.1. C/C++ Convention 16](#_Toc472704594)

[4.2. C#, ASP.NET Convention 16](#_Toc472704595)

[4.3. Python Convention 16](#_Toc472704596)

[4.4. Android Convention 17](#_Toc472704597)

# List of Tables

[Table 1: Definitions, Acronyms and Abbreviations 3](#_Toc472704553)

[Table 2: Database requirement 7](#_Toc472704554)

[Table 3: API Service Requirement 7](#_Toc472704555)

[Table 4: Provide CCU Hardware 7](#_Toc472704556)

[Table 5: Roles and Responsibilities Details 10](#_Toc472704557)

[Table 6: Tools 10](#_Toc472704558)

[Table 7: Techniques 11](#_Toc472704559)

[Table 8: System Development Life Cycle 12](#_Toc472704560)

[Table 9: System Development Detail Plan 15](#_Toc472704561)

# List of Figures

[Figure 1: Project Block Diagram 6](#_Toc472704562)

[Figure 2: Iterative and Incremental development 9](#_Toc472704563)

# Definitions, Acronyms and Abbreviations

|  |  |
| --- | --- |
| **Name** | **Definition** |
| PGS | Parking Guidance System |
| Parking area | An area set aside for parking vehicles, aircraft, etc. |
| Parking lot | A place inside parking area that provide space for one vehicle |
| IoT | Internet of Things |
| CCU | Central Control Unit |

Table 1: Definitions, Acronyms and Abbreviations

# C. Software – Hardware Requirement Specification

## User Requirement Specification

## System Requirement Specification

### External Interface Requirement

#### User Interface

#### Hardware Interface

##### Block Diagram – Overview

##### Block Diagram Details

##### Arduino Uno

##### Triple – Axis Digital Compass HMC5883L

##### RF module nRF24L01+

#### Software Interface

#### Communication Protocol

### System Overview Use Case

### List of Use Case

## Software System Attribute

### Usability

### Reliability

### Availability

### Security

### Maintainability

### Portability

### Performance

## Conceptual Diagram