

**Fine\_Kindergarten Project**  
**Software Requirements Specification (SRS)**  
**Version <5.0>**

**By Team FineApple**

Fine_Kindergarten Project	Version: <5.0>
Software Requirement Specification	Date: <11/13/22>

## Revision History

Date	Version	Description	Author
<10/10/22>	<1.0>	First writing	김민규
<10/19/22>	<2.0>	Reflect feedback Make requirement's ID	김민규
<10/22/22>	<3.0>	Change requirements Correct ambiguous terms	김민규
<11/08/22>	<4.0>	Change requirement's ID	김민규
<11/13/22>	<5.0>	Change supporting information	김민규

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# Software Requirements Specification

## 1. Introduction

### 1.1 Purpose

The purpose of this document is to collect and analyze all assorted ideas about our project "Fine\_Kindergarten". Document ideas that are being considered but may be discarded as the product develops.

The main purpose of this Software Requirements Specification (SRS) document is to provide a detailed overview of our software product, its parameters, and goals. This document describes the project's target audience and its user interface and software requirements.

### 1.2 Definitions, Acronyms, and Abbreviations

SRS	Software Requirement Specification
SNS	Social Network Service
FAQ	Frequently Asked Questions

### 1.3 References

The references are:

[Kidsnote website](#)

[Kidsnote Online FAQ for directors](#)

[Kidsnote Online FAQ for teachers](#)

[Kidsnote Online FAQ for parents](#)

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## 2. Specific Requirements

### 2.1 Functionally

#### 2.1.1 Manage child

- R1.1 The system shall record time to go and to leave kindergarten.
- R1.2 The system shall record attendance.
- R1.3 The system shall report records monthly.
- R1.4 The system shall record what children did at kindergarten or at work-study.
- R1.5 The system shall report diet daily and provide which company give the diet.
- R1.6 The system shall provide a medication policy.
- R1.7 The system shall record the medicine child takes.
- R1.8 The system shall save child's development record.
- R1.9 The system shall record child's temperature.

#### 2.1.2 Detailed kindergarten management

- R2.1 The system shall distinguish users (the head of kindergarten, teachers, parents).
- R2.2 The system shall set the head of kindergarten.
- R2.3 The system shall set the name of kindergarten.
- R2.4 The system shall set the name of class.
- R2.5 The system shall manage the list of teachers.
- R2.6 The system shall manage the list of children.
- R2.7 The system shall invite parents.
- R2.8 The system shall manage kindergarten's schedule.
- R2.9 The system shall set the teacher of class.

#### 2.1.3 Online communication support

- R3.1 The system shall provide online chatting service.

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- R3.2 The system shall provide online Parent-Teacher conference.
- R3.3 The system shall provide record Parent-Teacher conference.
- R3.4 The system shall provide online notice for parents.
- R3.5 The system shall provide spell checker in chatting process.
- R3.6 The system shall provide online admission process.
- R3.7 The system shall provide online poll service.
- R3.8 The system shall provide online survey service.

#### **2.1.4 Children's album**

- R4.1 The system shall have album that records children's photography.
- R4.2 The system shall maintain student's album before erasing it.
- R4.3 The system shall support album sharing via SNS.
- R4.4 The system shall classify by child.
- R4.5 The system shall download photography.
- R4.6 The system shall upload photography.

#### **2.1.5 Provide parents' support**

- R5.1 The system shall provide online consult service.

#### **2.1.6 Online tracking of kindergarten bus**

- R6.1 The system shall display the current location of bus.
- R6.2 The system shall set the path of the bus.
- R6.3 The system shall set the condition of the bus.

#### **2.1.7 Manage class for teacher**

- R7.1 The system shall record teacher's rest time to guarantee a break time.
- R7.2 The system shall set time to use system for not to use phone a lot.
- R7.3 The system shall shut down after kindergarten closed.
- R7.4 The system shall manage children in class.

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### **2.1.8 Provide multiple class management**

R8.1 The system shall provide setting for multiple class.

## **3. Supporting Information**

Use Case Specification V4.0

Sequence Diagram V1.0

Class Diagram V1.0