

Team4 Edupy Final Presentation

: Web Service Program for Chat-bot Education in Python

Team4 2016312117 양이삭
2015313456 김창현
2017314786 정동진
2019310847 송예진
2019315437 최가은
2020311323 손영훈

CONTENTS

1. OVERVIEW

Service Outline

..... slide 3

2. GOAL & METHOD

Our Goal

..... slide 4

Development Tools

..... slide 5

Team Formation

..... slide 6

3. REQUIREMENT

Functional Requirement

..... slide 7

Non-functional Requirement

..... slide 8

4. IMPLEMENTATION

Sub-system Implementation

..... slide 9

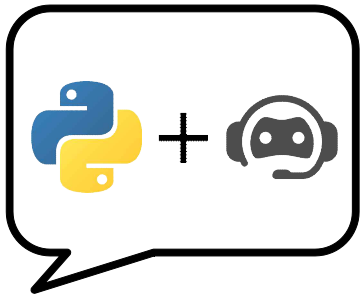
5. COMPLEMENTRY

Problems in System

..... slide 20

OVERVIEW

Service Outline



GOAL & METHOD

Our Goal



User Management

Managing user
account using DB for
checking curriculum



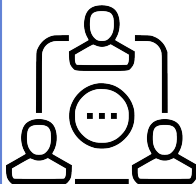
Curriculum

Service curriculum
contents and tests



Python & Web Editor

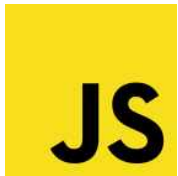
Provide Python &
Web editing service
for code practice



Board

Provide web board
for communication
for users and admin

Development Tools



JavaScript

Front-end
development tool

HTML



HTML

Front-end
development tool

CSS



CSS

Front-end
development tool



MariaDB

MariaDB

Back-end
development tool

Team Formation

Requirement
Specification

양이삭 김창현 정동진 송예진 최가은 손영훈

Design
Specification

양이삭 김창현 정동진 송예진 최가은 손영훈

Front-end

김창현 정동진 손영훈 양이삭

Back-end

송예진 최가은

Documentation

양이삭 김창현 정동진 송예진 최가은 손영훈

Functional Requirement

Plan in <Requirement Specification>

Req.1

Sign In

Req.2

Log In

Req.3

Studying Curriculum

Req.4

Exercise Problems

Req.5

Checking Scoring Result of Problems

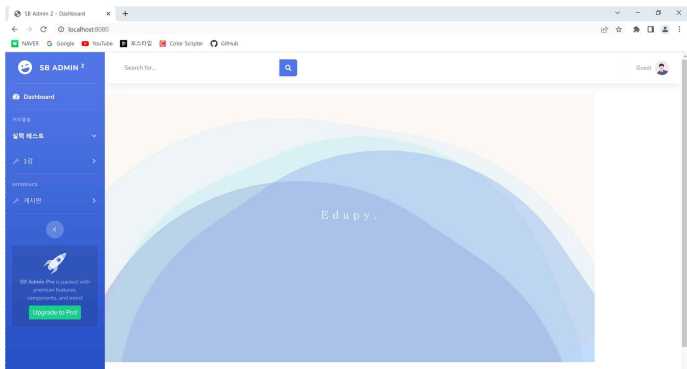
Non-functional Requirement

Plan in <Requirement Specification>

Product Requirement	Usability req. (UI) Efficiency req. Dependability req. Security req.
Organization Requirement	Environmental req. Operational req. Development req.
External Requirement	Regulatory req. / Legislative req. Ethical req. Safety req. / Security req.

Sub-systems Implementation

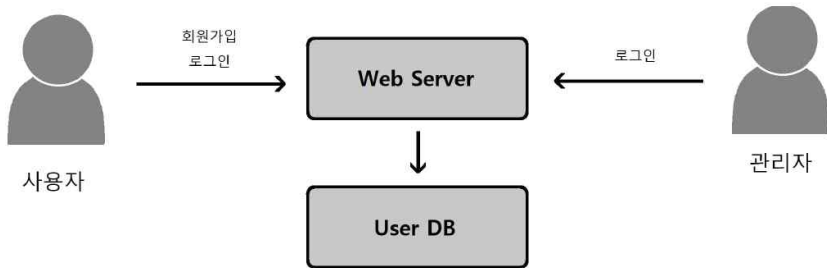
Main Page



Sub-systems Implementation

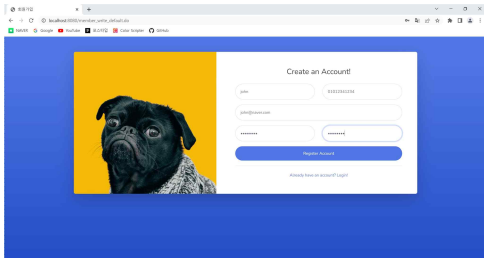
User Management System

Diagram in <Design Specification>



Sub-systems Implementation

User Management System



				» 다			
	member_pwd	member_name	member_phone	member_level			
1 C	9fdb25b0134c2dd5ac607a8a242e8916	테스트관리자	01011112223				
5 C	9fdb25b0134c2dd5ac607a8a242e8916	테스트유저	01011112223				
7 C	7810651d11daa06eabd2b2a9a8993adc	qwer	01011112223				
	2e131820e44d98000debfa9c8fcc9819	wert	01011112223				
8 C	a2614dd49c81f27843f204bee4b05064	john	01012341234				

Sub-systems Implementation

User Management System

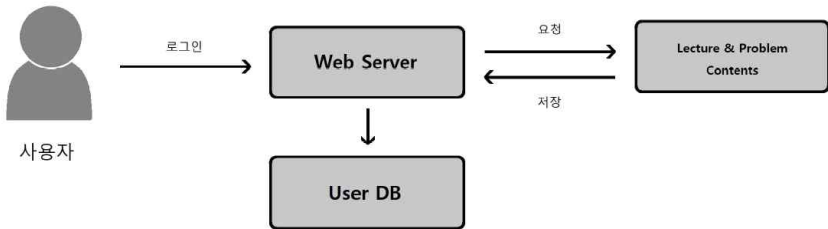
The screenshot displays the SB Admin 2 dashboard. On the left is a blue sidebar with navigation links: Dashboard, 관리자 (Admin), 실력 테스트 (Skill Test), 1강 (Lesson 1), and INTERFACES. The main content area is titled '회원 정보 보기' (View Member Information) and contains a table with member details. At the bottom right of the table are buttons for '출' (Export) and '수정하기' (Edit). A footer at the bottom center reads 'Copyright © Your Website 2021'.

회원 정보 보기	
회원 고유 번호	8
회원 종류	일반 회원
회원 이름	john
회원 아이디	john@naver.com
회원 비밀번호	12341234
회원 연락처	010-1234-1234
회원 진도	2강 자료형

Sub-systems Implementation

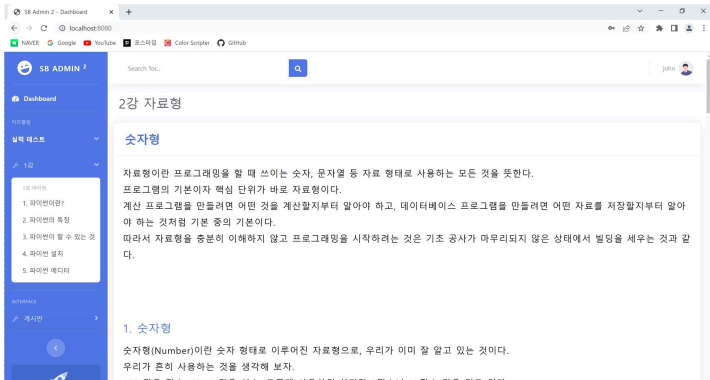
Curriculum System

Diagram in <Design Specification>



Sub-systems Implementation

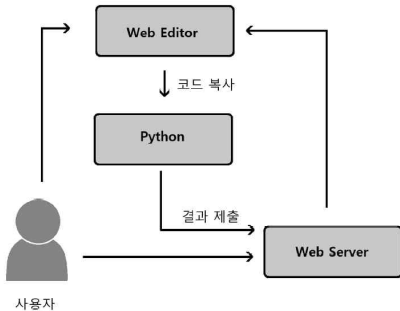
Curriculum System



Sub-systems Implementation

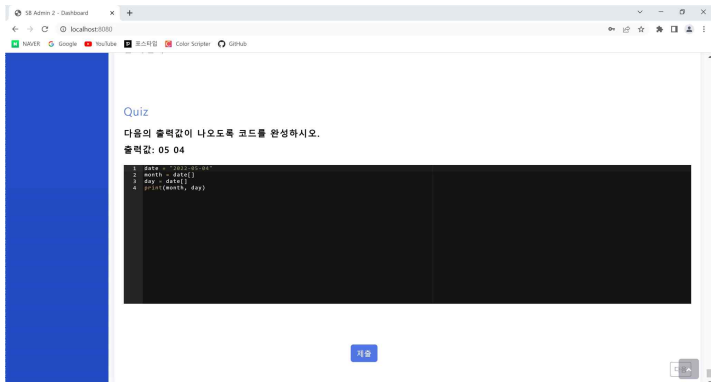
Python & Web Editor System

Diagram in <Design Specification>



Sub-systems Implementation

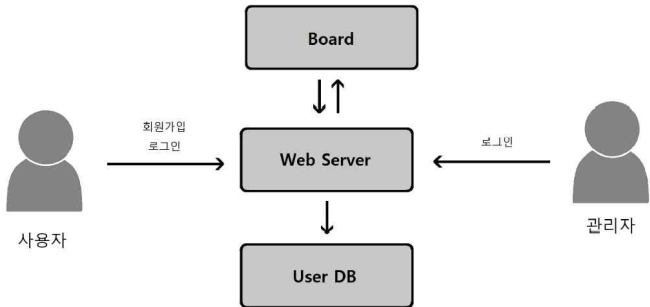
Python & Web Editor System



Sub-systems Implementation

Board System

Diagram in <Design Specification>



Sub-systems Implementation

Board System

The screenshot displays the SB Admin 2 dashboard. The left sidebar contains navigation links for Dashboard, Profile, Settings, and a dropdown for Pages (1 item). The main content area is titled '게시판' (Board) and shows a list of board entries under the heading '자유게시판' (Free Board). The table lists 5 entries with columns for No., Title, Author, Visitor, and Registration Date. A search bar and a 'Show 10 entries' dropdown are at the top of the table. At the bottom, there are pagination links for 'Previous', '1', and 'Next', along with a '등록하기' (Register) button.

No.	타이틀	작성자	방문자	등록일
1	test1	test	27	2022-04-08
2	Retest1	test	9	2022-04-08
3	Retest1	test	6	2022-04-08
4	ReRetest1	test	1	2022-04-29
5	test2	test	1	2022-04-29

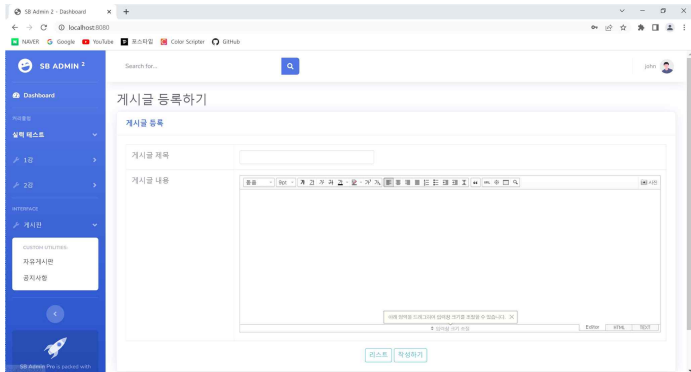
Showing 1 to 5 of 5 entries

Previous 1 Next

등록하기

Sub-systems Implementation

Board System



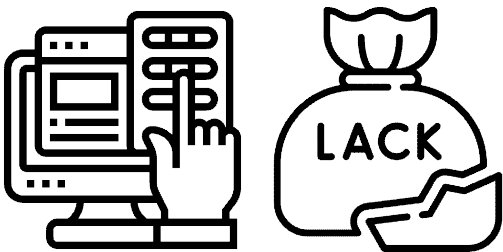
Problems in System



Deployment

- This project could not be deployed through the domain because it would **incur the cost** of **purchasing the domain** if we try to use the domain for Edupy's deployment.
- Therefore this demonstration will be conducted on the team member's computer with the database.

Problems in System



Lack of curriculum and content

- Edupy was developed with the goal of a **web service system for real-time chat implementation on Python** but can then add curriculum or educational content.
- However, **it currently has only one curriculum**, which can lead to a **lack of user interest** and a **lack of use cases**.

Thank you.

Team4 2016312117 양이삭
2015313456 김창현
2017314786 정동진
2019310847 송예진
2019315437 최가은
2020311323 손영훈