



# SmartClass

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## SmartClass - Online Teaching Platform Based ReactJs and Firebase - Code Mergers

### Motive: Empowering Education

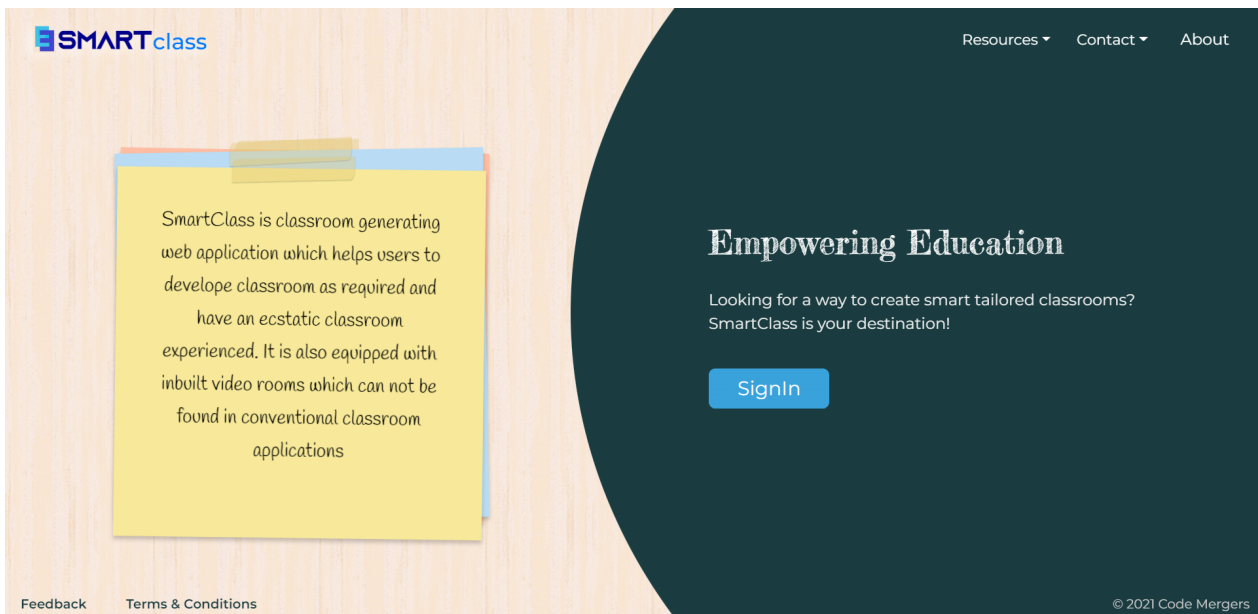
**Timeline:** July 2021 - May 2022

- SmartClass is classroom generating web application which helps users to develop classroom as required and have an ecstatic classroom experienced. It is also equipped with inbuilt video rooms which can not be found in conventional classroom applications.
- Fully secured classrooms with authentic sharable classroom keys. Fully functional chatting system with embedded url and text formatting support for each classroom. Smart Video Rooms for each class which can directly be accessed by both teachers and students.
- As a teacher you can invite students, share materials, create assignments, conduct quizzes, arrange meetings, chat with students and a lot more. You can also get all information regarding your activities.
- As a student you can access shared materials, chat with friends and teachers, submit your work, attend online classes (video calling) and quizzes. You can also get all information regarding your activities.

## Deployed Features

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**Landing Page : Welcome Page**

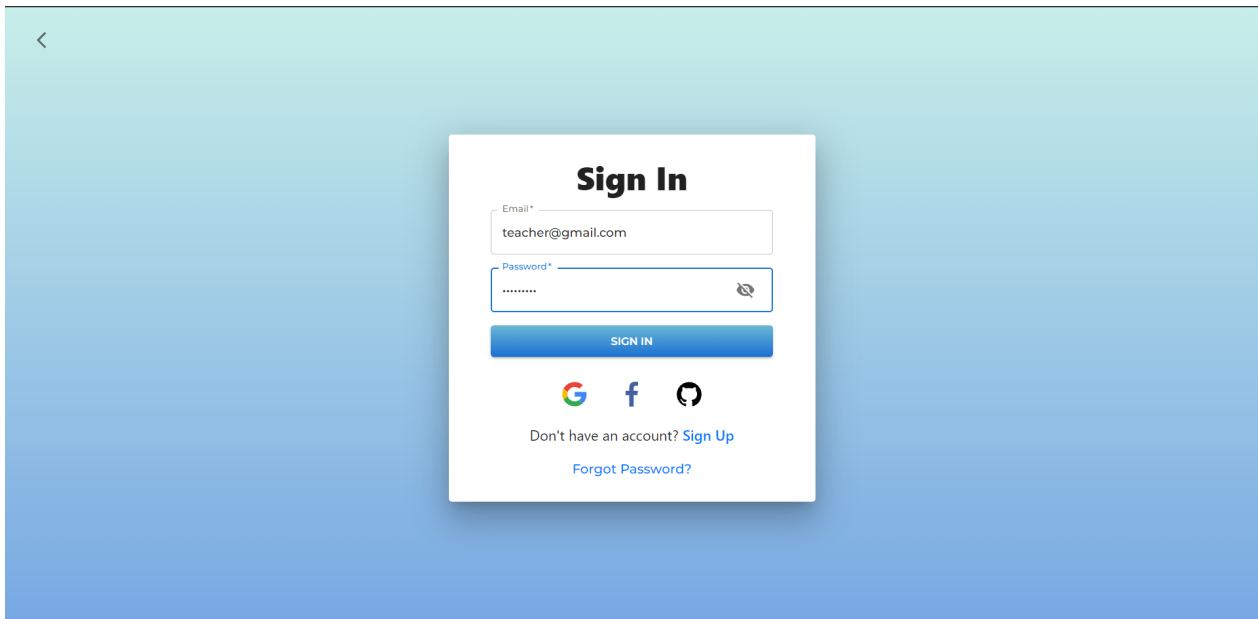


**Authentication : Email Authentication, Password Hashing, Password Updation, Sigh Up, SignIn**

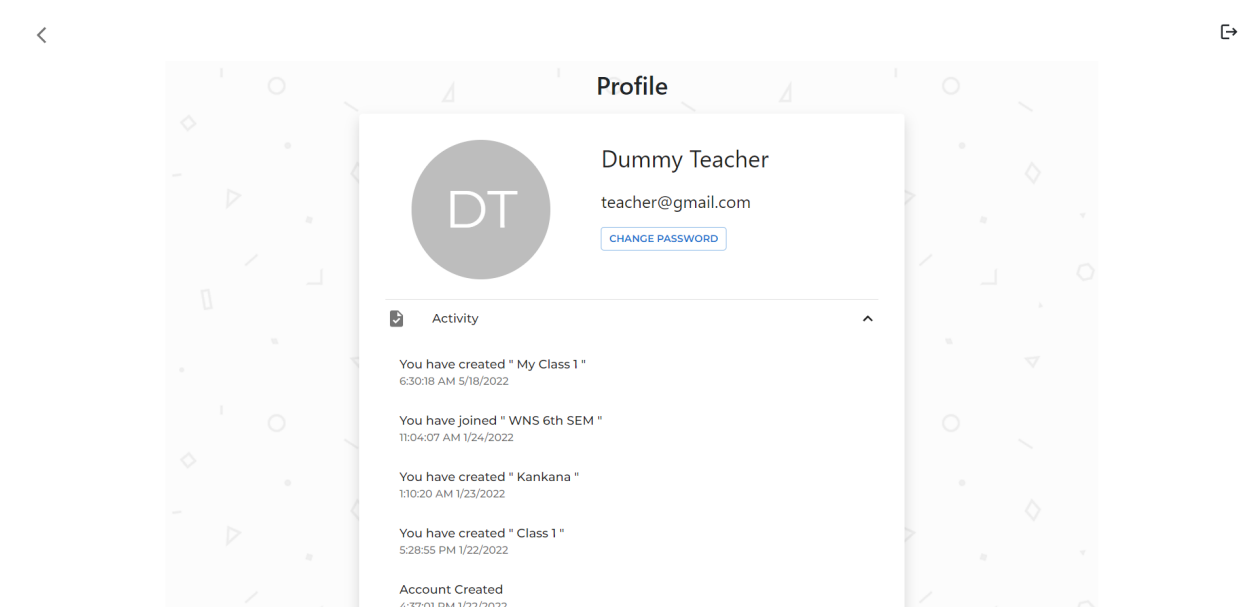
### Sigh Up

The image displays a 'Sign Up' form centered on a blue gradient background. The form has a white background and a subtle shadow. At the top, it says 'Sign Up' in bold, followed by 'Already have an account? [Sign in](#)'. Below this are four input fields: 'First Name\*', 'Last Name\*', 'Email\*', and 'Password\*'. The 'Password\*' field has a toggle icon. Below these is a 'Confirm Password\*' field. A grey 'SIGN UP' button is at the bottom of the form. Below the button are three social media icons: Google, Facebook, and GitHub. At the very bottom, a small disclaimer reads: '\* By signing up, you agree to our [Terms and Conditions](#) and acknowledge that you read our.'

### SignIn

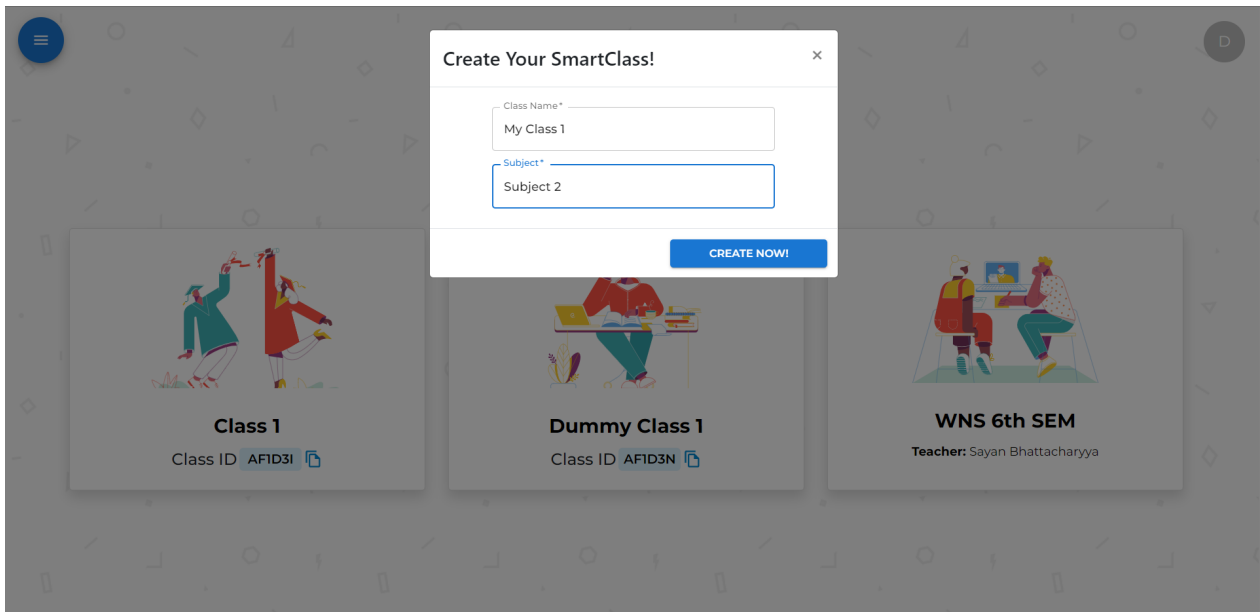


## Users Profile : Password Updation, Activity Logs

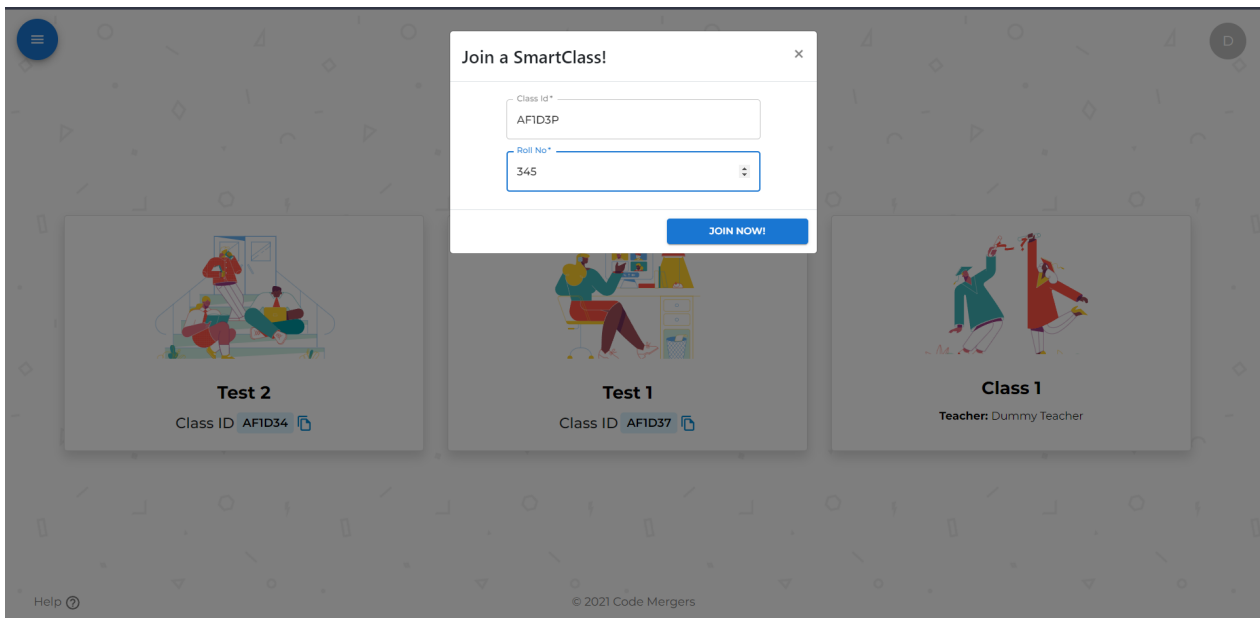


## Class Functionality : Class Creation, Class Joining, Class Chat, Share Materials, Class Materials, Class Upcomings, Peoples

### Create Class



## Join Class



## Class Chat



Paragraph ▼ **B** *I* ☰ ☷ ☰ ☷ ☰ ☷ ↶ ↷

Dummy Student  
6:34:38 AM 5/18/2022

Hello Sir!  
Good Morning!



Dummy Teacher  
6:34:08 AM 5/18/2022

Hello students!  
Welcome to the class!

11:11 AM

@ 2024 C&T Systems

## Share Materials



### My Class 1

Subject 2

Dummy Teacher

Class ID AFID3P

[Join SmartRoom](#)

[Chat](#) [Share](#) [Assign](#) [Grading](#) [People](#)

Paragraph ▼ **B** *I* ☰ ☷ ☰ ☷ ☰ ☷ ↶ ↷

Dummy questions enable you to perform it/ Dummy Questions are questions that:

1. Not visible to the surveyors (their rules and scripts do not get executed)
2. Get the value assigned based on a calculation done on other questions' answers
3. The stored Value is later used for example for:

- Categorizations

Heading\*  
Material 1

[UPLOAD FILES](#)

[HANDOUT-03.PDF](#)

[SHARE MATERIAL](#)

## Class Materials

## Class Materials



Dummy Teacher  
Join SmartRoom

Chat Materials Assignments Quiz People

### Material 1

6:36:59 AM 5/18/2022

Dummy questions enable you to perform it/ Dummy Questions are questions that:

1. Not visible to the surveyors (their rules and scripts do not get executed)
2. Get the value assigned based on a calculation done on other questions' answers
3. The stored Value is later used for example for:

- Categorizations
- Classifications
- Storing calculated values required during script execution
- Quota Management
- Storing Calculated values that need to get exported

[HANDOUT-03.PDF](#)

Help ?

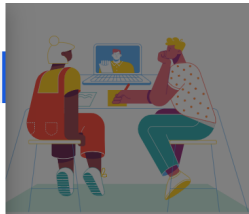
© 2021 Code Mergers

## Class Upcomings

< Back To Home

### Upcomings

Assignment 1  
12:59:00 PM 5/26/2022



## My Class 1

Subject 2

Dummy Teacher

Class ID AFID3P

Join SmartRoom

Chat Share Assign Grading People


Paragraph **B** *I*




D

Dummy Student

## People





## Class 1

Subject 1  
Dummy Teacher  
Class ID AF1D3I  
[Join SmartRoom](#)

[Chat](#) [Share](#) [Assign](#) [Grading](#) [People](#)


### Students


STUDENT LIST

D	Dummy Student	student@gmail.com
S	Sayan Bhattacharyya	sayan@gmail.com
D	Dummy Student2	student2@gmail.com

## Assignment : Assigning Assignments, Text Formatting, Assignment Submission

### Assignment Creation





## My Class 1

Subject 2

#### Create Assignment

Paragraph **B** *I* U **1** **2** **3** **4** **5** **6** **7** **8** **9** **10** **11** **12** **13** **14** **15** **16** **17** **18** **19** **20** **21** **22** **23** **24** **25** **26** **27** **28** **29** **30** **31** **32** **33** **34** **35** **36** **37** **38** **39** **40** **41** **42** **43** **44** **45** **46** **47** **48** **49** **50** **51** **52** **53** **54** **55** **56** **57** **58** **59** **60** **61** **62** **63** **64** **65** **66** **67** **68** **69** **70** **71** **72** **73** **74** **75** **76** **77** **78** **79** **80** **81** **82** **83** **84** **85** **86** **87** **88** **89** **90** **91** **92** **93** **94** **95** **96** **97** **98** **99** **100** **101** **102** **103** **104** **105** **106** **107** **108** **109** **110** **111** **112** **113** **114** **115** **116** **117** **118** **119** **120** **121** **122** **123** **124** **125** **126** **127** **128** **129** **130** **131** **132** **133** **134** **135** 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Due 2:56:01 PM 1/30/2022

ATTACHMENT

VIEW SUBMISSIONS

Submissions

Testing

SUBMISSION STATUS

Student Name	Roll	Email	Status	Submission Time	File
Dummy Student	123	student@gmail.com	Late Submission	3:39:08 AM 1/30/2022	CCLAB2_2.JPG
Sayan Bhattacharyya	11	sayan@gmail.com	Late Submission	3:17:49 PM 1/30/2022	2-TEAM PERFORMANCE DOMAIN (1).PPTX
Dummy Student2	1	student2@gmail.com	Not Submitted	-	NO FILE UPLOADED

Testing

Assigned 9:02:38 PM 1/25/2022

Due 9:00:50 PM 1/25/2022

## quiz : Conduct Quiz, Quiz Page

### Quiz Creation

My Class 1

Create Quiz

Question 1

Marks  
2

Question?\*

Think Of your favorite animal, place, and color now say one of them! What Did you say?

Question 2

Marks  
1

Question?\*

Quiz Heading\*

Test 2

Start Date-Time\*

05/18/2022 06:29 am

End Date-Time\*

05/18/2022 06:59 am

+ ADD QUESTION

CREATE QUIZ

CLOSE

Assigned 6:38:28 AM 5/18/2022

Due 12:59:00 PM 5/26/2022

Material 16:36:59 AM 5/18/2022

### Quiz Page



### Test 2

Start 6:29:51 AM 5/18/2022  
End 6:59:00 AM 5/18/2022

Think Of your favorite animal, place, and color now say one of them! What Did you say?

Place \_\_\_\_\_

3 people go onto a bus, 3 more people come off, 6 people com on, 3 more people come on. How people are in the bus if 3 come on?

\_\_\_\_\_

What is -100,000 - -100,000? Is it 200,000? And how?

## Quiz Grading



### Class 1

Subject 1

Dummy Teacher

Class ID AF1D3I

[Join SmartRoom](#)

[Chat](#) [Share](#) [Assign](#) [Grading](#) [People](#)

#### Morning Test 2

Start Time: 10:52:05 AM 1/29/2022

End Time: 10:55:05 AM 1/29/2022

[RESPONSES](#)



View Questions



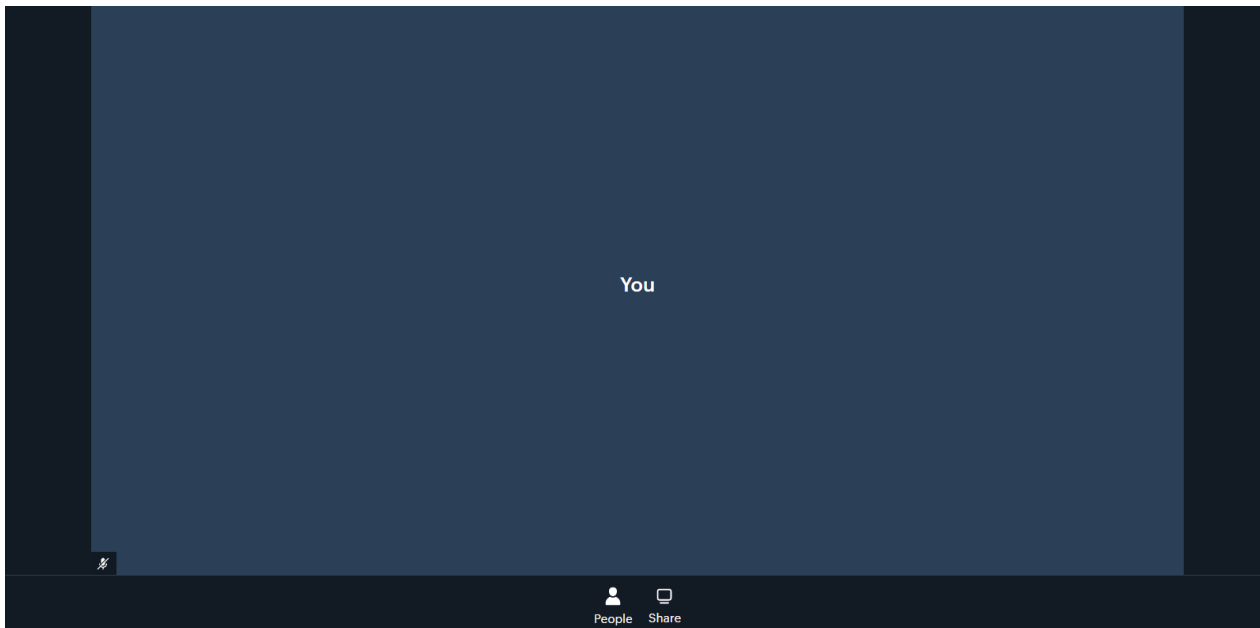
#### Morning Test

Start Time: 9:19:00 AM 1/29/2022

End Time: 9:21:00 AM 1/29/2022

[RESPONSES](#)

**Virtual Rooms : Video Calling Rooms(Max 200 Participant), Screen Share, Audio Features**



## Deployment

---

- Visit [SmartClass](#)
- Visit SmartClass [GitHub Repo\(Public\)](#)

## Development Team [Code-Mergers](#)

---

Name	Roll(KIIT-DU)
Abhiraj Chatterjee	1905003
Yash Mishra	1905073
Kankana Dolai	1905324
Sayan Bhattacharyya(Leader)	1905345

## Resource

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- [FAQ](#)
- [Tutorials](#)

**Thank you for visiting**