

성균관대학교

# Electronic Attendance System

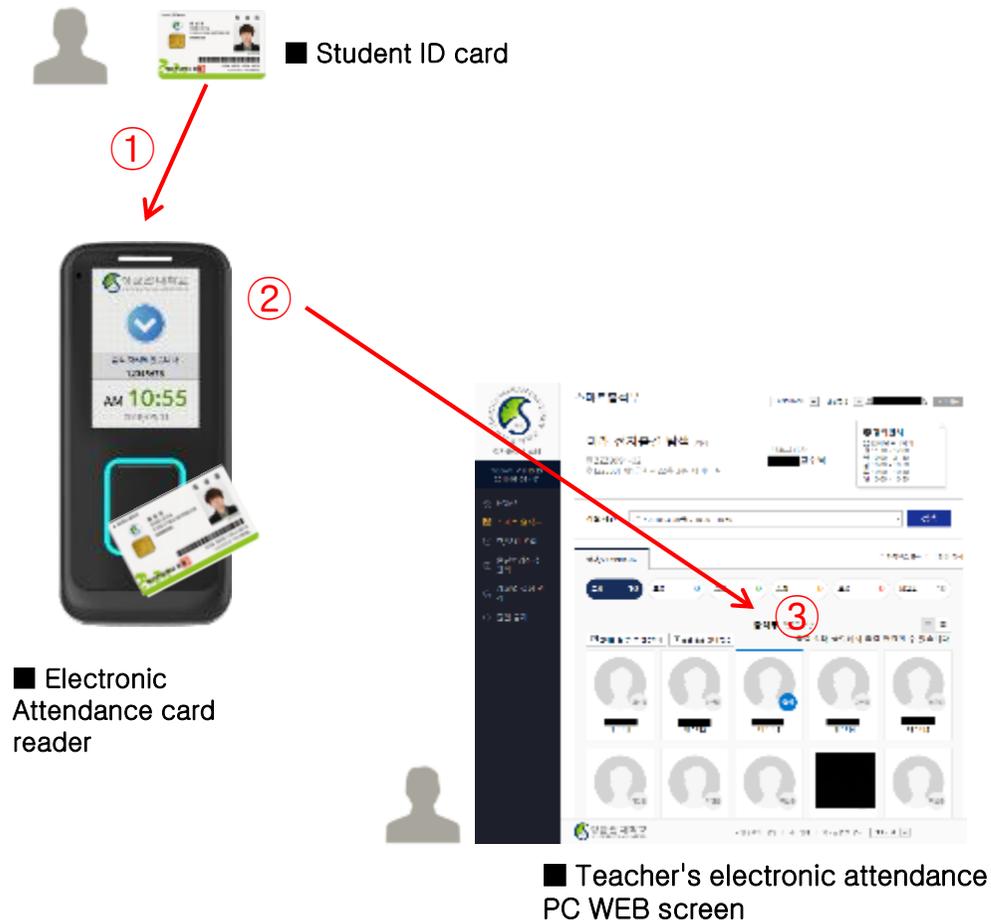
[ User Guide: for Students ] – Version 1.0

# **I. Introduction to the Electronic Attendance System**

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# Introduction to the Electronic Attendance System

## 1) Attendance using electronic attendance card reader



## ■ Page outline

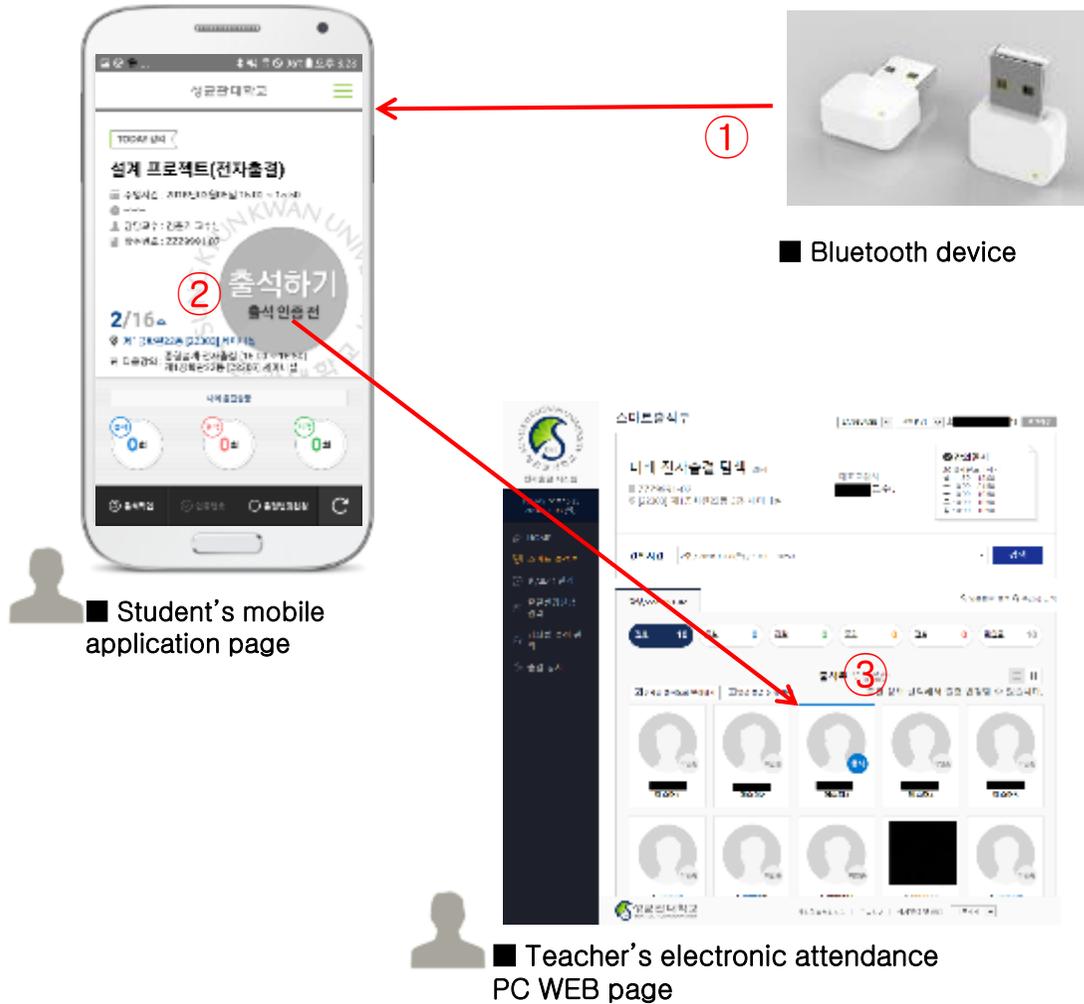
Students can mark as present by contacting their student ID cards on the electronic attendance card reader at classrooms with the Electronic Attendance System

## ■ Page explanation

- ① Students can mark as present by contacting their student ID cards on the electronic attendance card readers at the entrance of the classroom.
- ② When a student marks as present via electronic attendance card reader, the data will be sent to the professor's electronic roster.
- ③ The professor can check students' attendance status on electronic roster webpage and edit it.

※ NFC function must be turned on to utilize mobile student ID.

## 2) Attendance using Bluetooth



### Page outline

Students can mark as present using Bluetooth devices in classrooms.

### Page explanation

- ① Students can easily mark as present by using electronic attendance application with Bluetooth devices installed in classrooms.
- ② Students can automatically mark as present or press button on the page by logging into the mobile application in classrooms with Bluetooth devices.
- ③ Students can check their attendance status on electronic attendance PC WEB or electronic attendance application.

※ Bluetooth / GPS function must be turned on.

## **II. How to use the Electronic Attendance System**

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# Entering the Electronic Attendance System(WEB)

## 1) Entering the Electronic Attendance System



### ■ Page outline

It's the first page of Sungkyunkwan University Electronic Attendance System service <https://attend.skku.edu/>

### ■ Page explanation

- ① Log in with your ID and password.  
(Use identical ID and password of Kingo Portal).

2) Log in > Home



**SUNG KYUN KWAN UNIVERSITY**  
ELECTRONIC ATTENDANCE SYSTEM

TODAY PM16:47  
2018-09-14 (Fri)

- HOME
- Search Attendance Status
- Search Timetable
- Search Class Information
- Request for Attendance Status Change
- Notice

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Electronic Attendan... LANGUAGE [v] **1** [redacted] Log out

**2018 Fall Semester Attendance Status**



**2** Present **3** Case

Late-In **0** Case

Absent **0** Case

**Monthly Attendance Status**

Pres... **3** | Late... **0** | Abs... **0**

**Weekly Attendance Status**

Pres... **2** | Late... **0** | Abs... **0** | Early... **0**

**3** Notice more >

- 전자출결시스템 설치 강의실 3Days ago
- 2018학년도 2학기 전자출결 시스템 도입 관련 안내[학생] 14Days ago

**Today's Class** **4**

Semester	Course Code /Separated class	Course Title	Credits	대표교강사	Room	Class Time	Class Status
2	ESM2016-41	<u>Exploratory Data Analysis</u>	3	[redacted]	[26421] Engineering 2 (26) e+ Lecture Room	FRI:15:00~17:45	In Class
2	ESM5030-41	<u>AHP/ANP Seminar</u>	3	[redacted]	[26419] Engineering 2 (26) Seminar Room:Department of Systems Management Engi	FRI:18:00~20:45	Before Class

Page outline

Teacher's home page after log in

Page explanation

- After logging in, user information is displayed at the top of the page.
- Current status of attendance of the current session is displayed statistically.
- You can check current notice and enter details of notice..
- Displays lecture time table of selected session and week. When selecting a lecture, enters smart roster page.
- At the bottom, there is a short cut for you to enter SungKyunKwan University related websites.

# How to check class attendance status

## 1) Check class attendance status

View Attendance St... LANGUAGE [dropdown] [dropdown] Log out

2 Select Semester 2018 Fall Semester

Search

Class Time and Location 4 My Attendance Status

Course Code /Separated class	Course Title	Credits	대표교강사	Room	Class Time
ESM5030-41	3 AHP/ANP Seminar	3	[redacted]	[26419] Engineering 2 (26) Seminar Room:Department of Systems Management Engi	FRI 18:00 - 20:45
ESM2014-41	Object-oriented Programming and Practice	3	[redacted]	[23529] Engineering 1 (23)	TUE 18:00 - 20:50 THU 18:00 - 20:50
ESM5101-41	Research Seminar on Data Mining	3	[redacted]	[26419] Engineering 2 (26) Seminar Room:Department of Systems Management Engi	THU 09:00 - 11:45
ESM2016-41	Exploratory Data Analysis	3	[redacted]	[26421] Engineering 2 (26) e+ Lecture Room	FRI 15:00 - 17:45
ESM3033-41	Manufacturing System Engineering	3	[redacted]	[26421] Engineering 2 (26) e+ Lecture Room	WED 09:00 - 11:45

Navigation: << < 1 > >>

## Page outline

Home page for logged in students.

## Page explanation

- ① Select class attendance status tab.
- ② You can search by selecting current semester from this year.
- ③ You can find list of classes you're taking.  
(Click class name to check attendance history for each class.)
- ④ Click and you can check attendance status for all classes with table format.

View Attendance St... LANGUAGE [dropdown] [dropdown] Log out

AHP/ANP Seminar 3credits

ESM5030-41 대표교강사 [redacted] Class date 2018 Fall Semester FRI 18:00 - 20:45

[26419] Engineering 2 (26) Seminar Room:Department of Systems Management Engi

Current Attendance Status Present 0 / Late-in 0 / Early Leave 0 / Absent 0

Weeks/주회	수업시간	Clock IN	Current Attendance Status
2week - 1 Sep. 07. 2018(FRI)	18:00-20:45		Unverified
2week - 1 Sep. 14. 2018(FRI)	18:00-20:45		Unverified

LIST

## 2) Check class attendance status &gt; for each class



SUNG KYUN KWAN UNIVERSITY  
ELECTRONIC ATTENDANCE SYSTEM

TODAY PM16:57  
2018-09-14 (Fri)

- HOME
- Search Attendance Status
- Search Timetable
- Search Class Information
- Request for Attendance Status Change
- Notice

View Attendance St... LANGUAGE [v] [User] Log out

① Exploratory Data Analysis 3Credits  
대표교강사 [Redacted]  
ESM2016-41  
[26421] Engineering 2 (26) e+ Lecture Room

Class date  
2018 Fall Semester  
FRI 15:00 - 17:45

Current Attendance Status ② Present 2 / Late-in 0 / Early Leave 0 / Absent 0

Week(s)/날짜	수업시간	Clock-IN	Current Attendance Status
1week - 1 Sep. 07. 2018(FRI)	15:00~17:45	Sep. 07. 2018 (14:52:58)	Present
2week - 1 Sep. 14. 2018(FRI)	15:00~17:45	Sep. 14. 2018 (15:03:03)	Present

③

List

## ■ Page outline

Check attendance history for selected class

## ■ Page explanation

- ① Show information for selected class. (Class name, Class code, Classroom, Time)
- ② Statistical info of attendance
- ③ Detail time information of attendance for each week

3) Check class attendance status > status as a whole



TODAY PM16:59  
2018-09-14 (Fri)

HOME

Search Attendance Status

Search Timetable

Search Class Information

Request for Attendance Status Change

Notice

View Attendance St...

LANGUAGE



[User ID]

Log out

My Attendance Status

Course Title (Course Code /Separated class)	09 07 (FRI)	09 14 (FRI)	09 21 (FRI)	09 28 (FRI)	10 05 (FRI)	10 12 (FRI)	10 19 (FRI)	10 26 (FRI)	11 02 (FRI)	11 09 (FRI)	11 16 (FRI)	11 23 (FRI)	11 30 (FRI)
AHP/ANP Seminar (ESM5030-41)	Non (-)	Non (-)	-	-	-	-	-	-	-	-	-	-	-

Course Title (Course Code /Separated class)	09 04 (TUE)	09 06 (THU)	09 11 (TUE)	09 13 (THU)	09 18 (TUE)	09 20 (THU)	09 25 (TUE)	09 27 (THU)	10 02 (TUE)	10 04 (THU)	10 09 (TUE)	10 11 (THU)	10 18 (TUE)
Object-oriented Programming and Practice (ESM2014-41)	Non (-)	Non (-)	Non (-)	Non (-)	(R)	-	-	-	-	-	-	-	-

Course Title (Course Code /Separated class)	09 06 (THU)	09 13 (THU)	09 20 (THU)	09 27 (THU)	10 04 (THU)	10 11 (THU)	10 18 (THU)	10 25 (THU)	11 01 (THU)	11 08 (THU)	11 15 (THU)	11 22 (THU)	11 29 (THU)
Research Seminar on Data Mining (ESM5101-41)	Non (-)	Non (-)	-	-	-	-	-	-	-	-	-	-	-

Course Title (Course Code /Separated class)	09 07 (FRI)	09 14 (FRI)	09 21 (FRI)	09 28 (FRI)	10 05 (FRI)	10 12 (FRI)	10 19 (FRI)	10 26 (FRI)	11 02 (FRI)	11 09 (FRI)	11 16 (FRI)	11 23 (FRI)	11 30 (FRI)
Exploratory Data Analysis (ESM2016-41)	At (O)	At (O)	-	-	-	-	-	-	-	-	-	-	-

Course Title (Course Code /Separated class)	09 05 (WED)	09 12 (WED)	09 19 (WED)	09 26 (WED)	10 03 (WED)	10 10 (WED)	10 17 (WED)	10 24 (WED)	10 31 (WED)	11 07 (WED)	11 14 (WED)	11 21 (WED)	11 28 (WED)

Page outline

Attendance status of classes you're taking as a whole

Page explanation

- ① Attendance status of each class by date with table format
- ② Check attendance status for each date.
  - (O) : Attended
  - (R) : Attendance approved if explanatory document is submitted
  - (Δ) : Late
  - (X) : Absent
  - (H) : Class canceled
  - (-) : Absent or attendance not checked

# Checking Time Table

## 1) Check time table

TODAY PM17:00  
2018-09-14 (Fri)

HOME

Search Attendance Status

Search Timetable

Search Class Information

Request for Attendance Status Change

Notice

## View Timetable

LANGUAGE

Log out

②

Semester: 2018 Fall Semester Week(s): Current(9/10~9/16)

Search

Period	Mon	Tue	Wed	Thu	Fri	Sat
09:00 ~ 09:30						
09:30 ~ 10:00						
10:00 ~ 10:30			Manufa. [26421] 09:00~11:45	Resear. [26419] 09:00~11:45		
10:30 ~ 11:00						
11:00 ~ 11:30						
11:30 ~ 12:00						
12:00 ~ 12:30						
12:30 ~ 13:00						
13:00 ~ 13:30						
13:30 ~ 14:00						
14:00 ~ 14:30						
14:30 ~ 15:00						

## ■ Page outline

Weekly time table of current semester.

## ■ Page explanation

- ① Click time table tab.
- ② Choose year, semester, and week to search time table.  
(Default setting: In terms of current semester, current week shows, and in terms of previous semester, the last week shows.)
- ③ Shows day of the week according to current time. (Not provided in terms of past semester or past week)
- ④ Shows the class. Click class name for detail information.

# Checking class information

1) Check class information

**F학점 기준**

Condition	Maximum number of absence allowed
결석 1/4초과 예정자	Absent less than times
결석 1/4초과자	Absent less than times

Page outline

Check class information by selecting semester

Page explanation

- ① Click class information check.
- ② Choose year and semester.
- ③ Class list shows for the selected semester. Click class name for detail information.
- ④ Temporal criterion of attendance approval for the selected class
- ⑤ Criterion of F grade for the class
- ⑥ Teaching assistant list for the class

# **Request for Attendance Status Change (Request for attendance approval)**

## 2) Request for Attendance Status Change List



SUNG KYUN KWAN UNIVERSITY  
ELECTRONIC ATTENDANCE SYSTEM

TODAY PM17:13  
2018-09-14 (Fri)

HOME

Search Attendance Status

Search Timetable

Search Class Information

Request for Attendance Status Change

Notice

Request for Attenda...

LANGUAGE Log out

②

Select Semester	2018 Fall Semester	Course Title	All
Results	All		

Search

Results ③

Class date	Course Code /Separated class	Course Title	대표교강사	Room	Class Time	Change of Attendance Status	Results
						Current Request	
Data not found.							

④

Register a Request for an Attendance Status Change

### Page outline

Shows the list of request for attendance status change.

### Page explanation

- ① Click attendance status change request tab.
- ② Check request list according to semester, class name, and process status.
- ③ Check request record list according to search conditions.
- ④ Click request registration and move to registration page.

## 3) Attendance status change request registration



TODAY PM17:19  
2018-09-14 (Fri)

HOME

Search Attendance Status

Search Timetable

Search Class Information

Request for Attendance Status Change

Notice

Request for Attenda... LANGUAGE [v] [User Icon] [Redacted] Log out

### Details of Request

1	Select the Course	AHP/ANP Seminar (ESM5030-41)
	Class Time	2018-09-07(금) 1800 ~ 2045
	Current Attendance Status	--
2	Requesting Status	Present
	Reason	Select
	Evidentiary Document	3MB 이하 파일만 가능 <input type="button" value="Search"/>
		3 <input type="button" value="Confirm"/> <input type="button" value="Cancel"/>

### Page outline

Registration page of attendance status change

### Page explanation

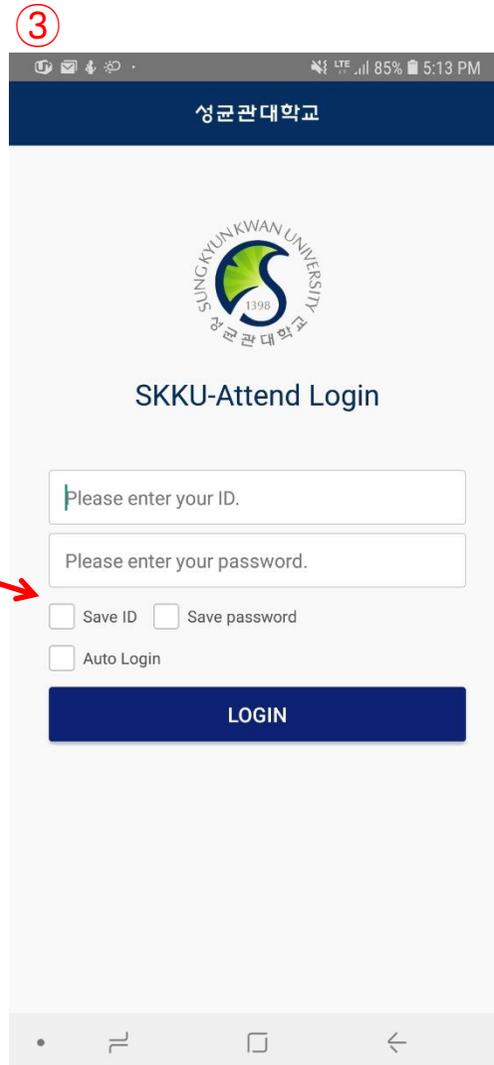
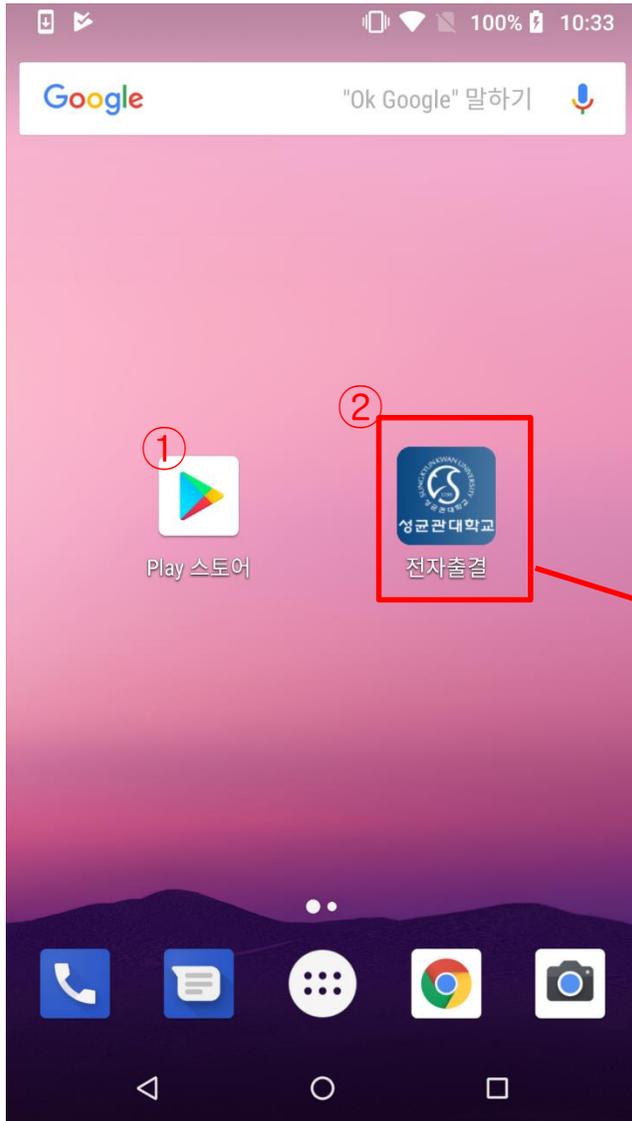
- ① Write class information to call request.
- ② Write attendance information  
(Current attendance status is automatically updated according to the class time selection.)
- ③ Click confirmation button to finish registration.

### ※ Notice

- Attendance status request is available only after the class. Even though you get verbal approval from the lecturer beforehand, WEB request registration and approval is available after that class ends.
- Previous documentary format(request paper or explanatory statement paper) is not allowed.
- Proof data must be uploaded. (If not, request registration is restricted.)

# Entering Electronic Attendance System (APP)

## 1) Mobile APP installation and running



## ■ Page outline

It's a screen of one's smart phone with installed 'SungKyunkwan University Electronic Attendance' application.

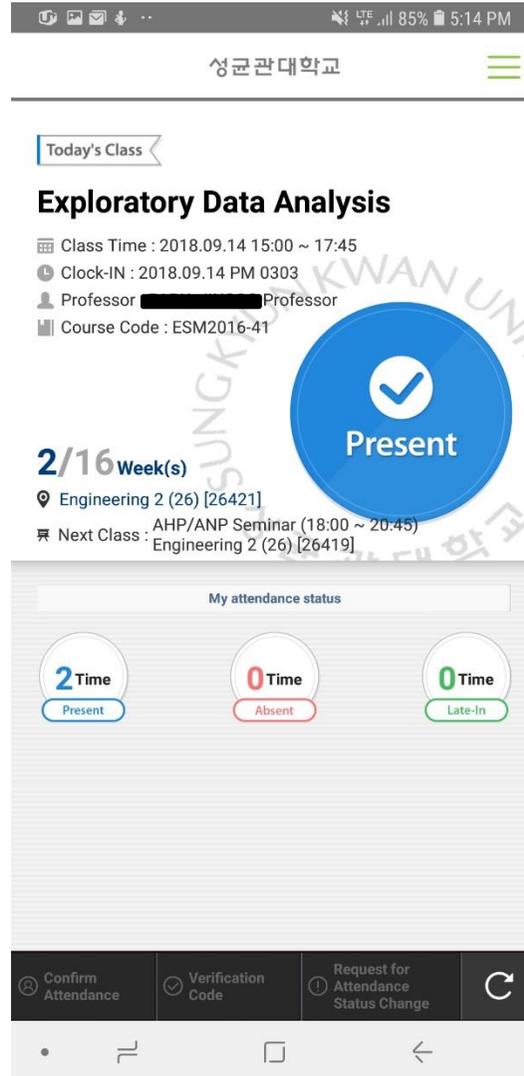
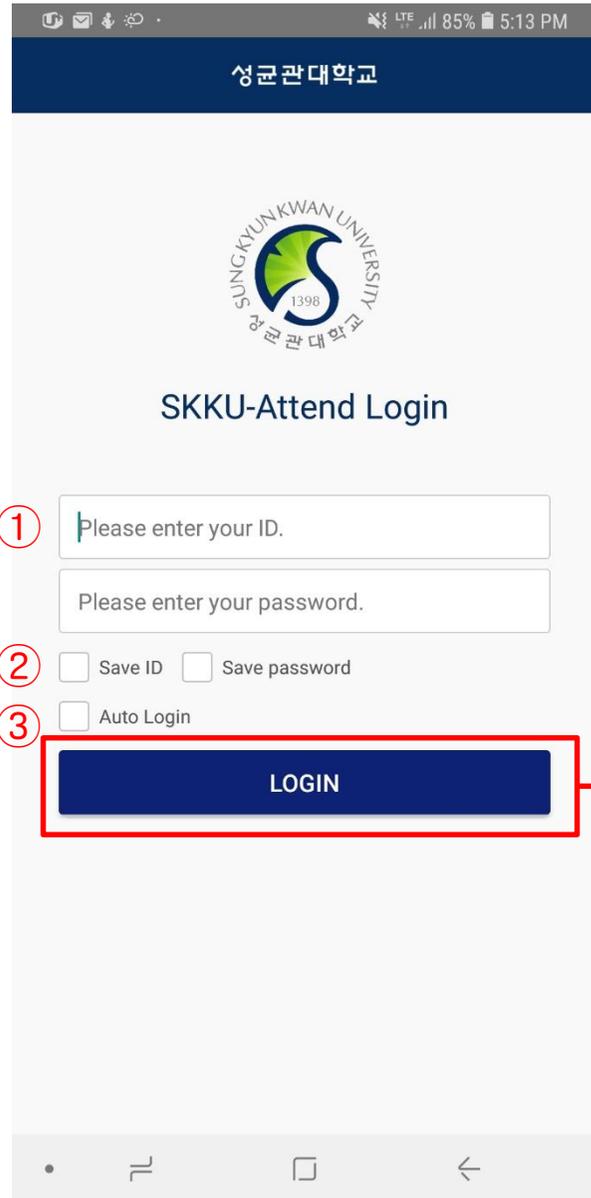
## ■ Page explanation

- ① If your smart phone has Android OS, use Google Playstore and if your smart phone has iOS. use App store. In the search window type 'SungKyunkwan University Electronic Attendance' and download the application.
- ② When downloading and installation is done , there will be an icon of Electronic Attendance application in your smart phone.
- ③ Run the application.

## ■ Service conditions

- ① Android 4.3 or more, iOS 8 or more (iPhone 5 or more)  
(You can download mobile APP at Android 2.3.3 or more, but Beacon attendance is not available.)
- ② **Bluetooth and Location Service must be turned on.** (Location information is checked by smartphone OS only, not used or collected.)

## 1-2) Intro &gt; Log in



## ■ Page outline

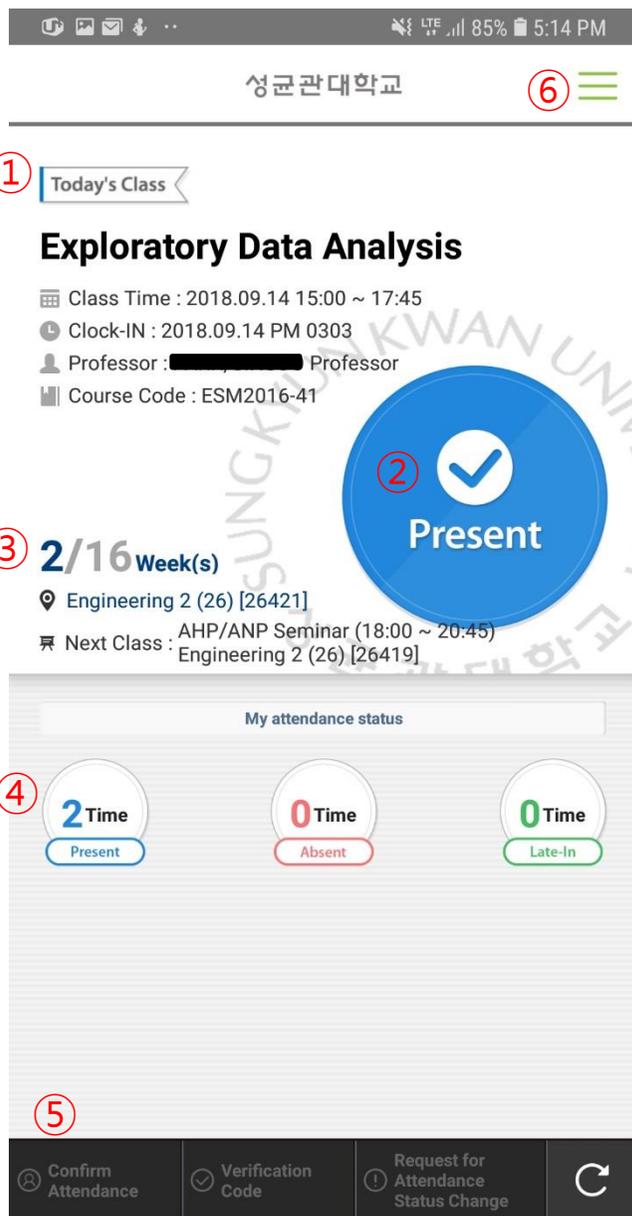
Electronic Attendance application log in page.

## ■ Page explanation

- ① Enter your ID and password.
- ② For convenient log in, you can save your ID/password.
- ③ Process user verification and automatic attendance verification by selecting log in button.

(Automatic attendance is available only when you use automatic log in and if the device can handle Bluetooth 4.0 or more. Attendance is automatically verified according to your current time table. Beacon automatic attendance function from settings must be turned on.)

## 1-3) Home



성균관대학교 ⑥

① Today's Class

### Exploratory Data Analysis

Class Time : 2018.09.14 15:00 ~ 17:45  
 Clock-IN : 2018.09.14 PM 0303  
 Professor : ██████████ Professor  
 Course Code : ESM2016-41

② Present

③ 2/16 Week(s)  
 Engineering 2 (26) [26421]  
 Next Class : AHP/ANP Seminar (18:00 ~ 20:45)  
 Engineering 2 (26) [26419]

My attendance status

④ 2 Time Present, 0 Time Absent, 0 Time Late-In

⑤ Confirm Attendance, Verification Code, Request for Attendance Status Change, Refresh

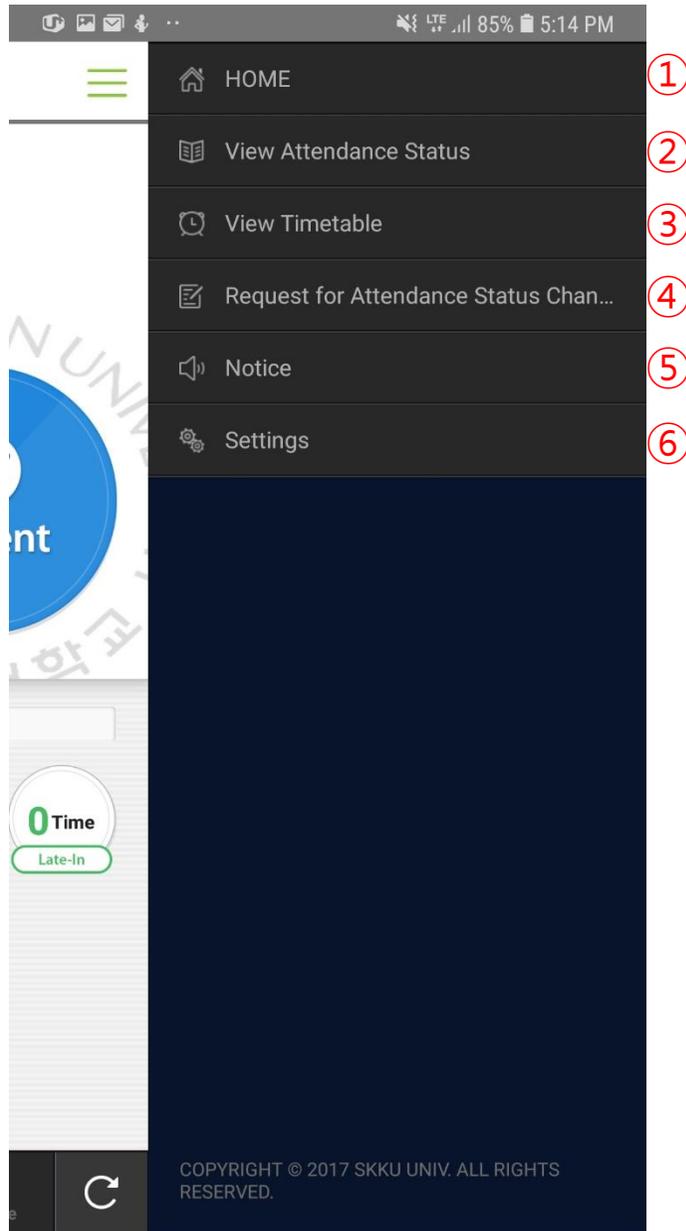
## ■ Page outline

It's a homepage for teaching staff after log in. ( Displays today's class.)

## ■ Page explanation

- ① It displays on-going class or next class.
- ② It displays status of the current class. (Before the class, during the class, class cancellation)
- ③ It displays week of the course and classroom of the class.
- ④ It displays today's lecture record.
- ⑤ It displays notice.
- ⑥ It's a standard side menu.

## 1-4) Menu



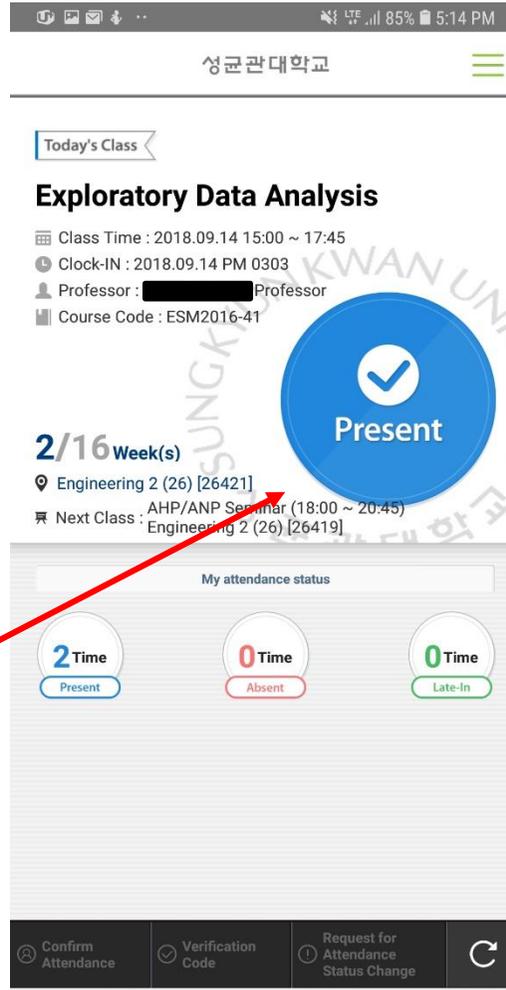
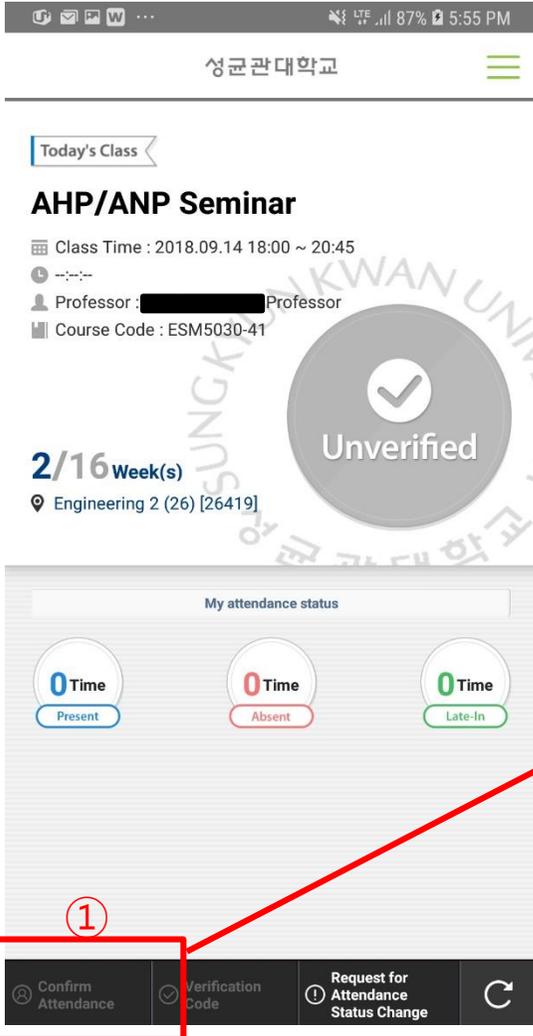
### ■ Page outline

It's a side menu provided for the user.

### ■ Page explanation

- ① It's the fir homepage after log in.
- ② You can see class information and students' attendance status.
- ③ You can do verification number attendance.
- ④ Request for attendance status change inquiry : You can see record of requests for attendance status change from students.
- ⑤ Electronic Attendance Notice.
- ⑥ Provides alarm setting, update check, and log out..

### 2) Using Bluetooth Beacon – Electronic Attendance Classes



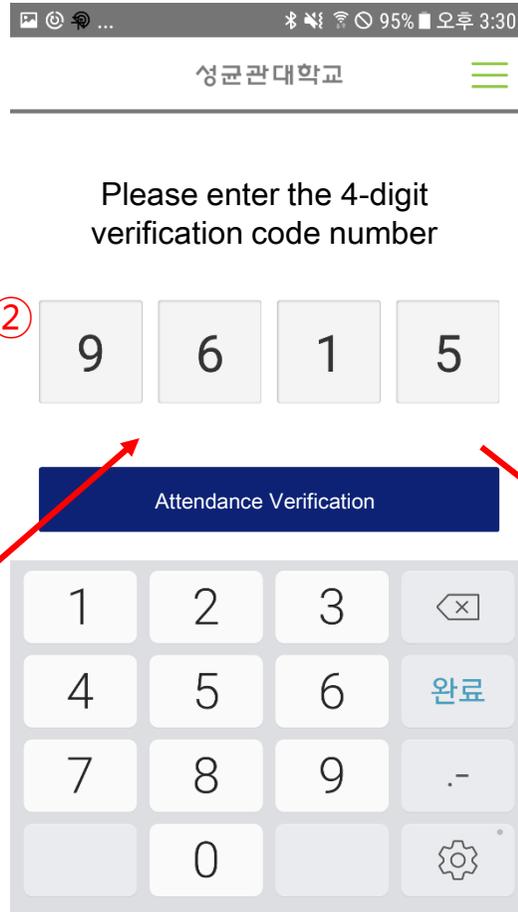
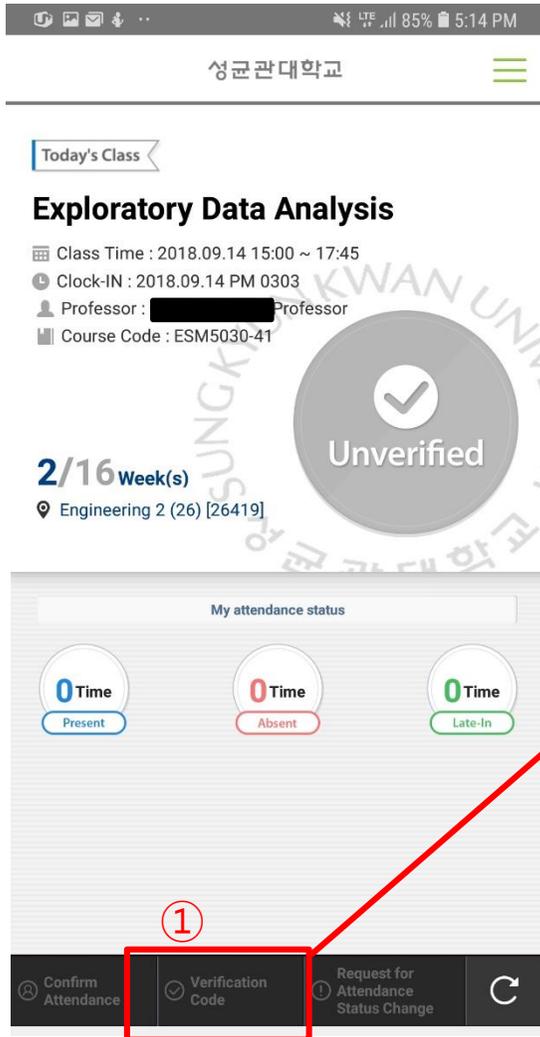
#### ■ Page outline

Attendance verification using Bluetooth Beacon.

#### ■ Page explanation

- ① If electronic attendance is available for the classroom, you can verify your attendance through attendance approval button.

### 2-2) Using verification number

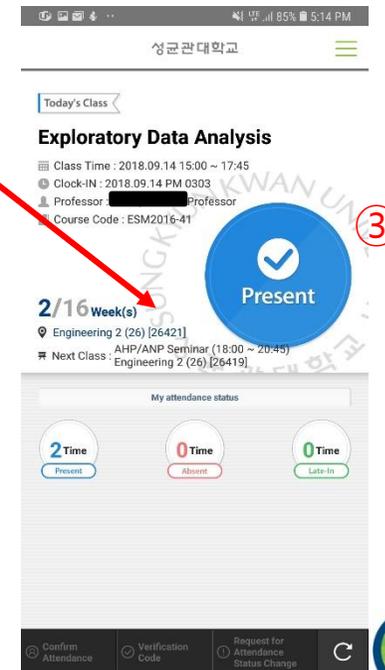


### Page outline

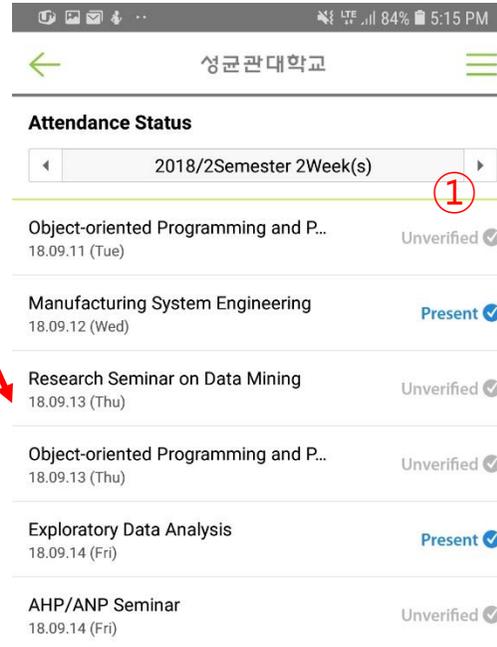
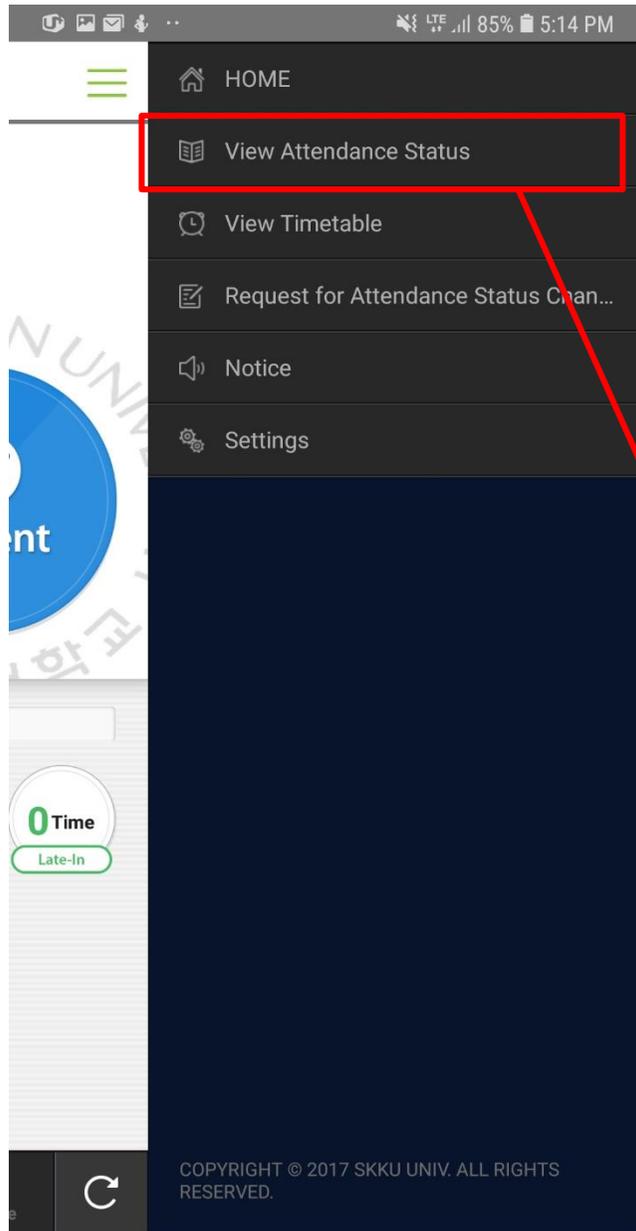
Put verification number for attendance.

### Page explanation

- ① If the professor uses verification number method for checking attendance, 'verification number' button is activated.
- ② Put the verification number guided by the professor.
- ③ If you put correct number, your attendance is verified. (You have to put the number before time limit expires.)



### 3) Check Attendance Status



#### ■ Page outline

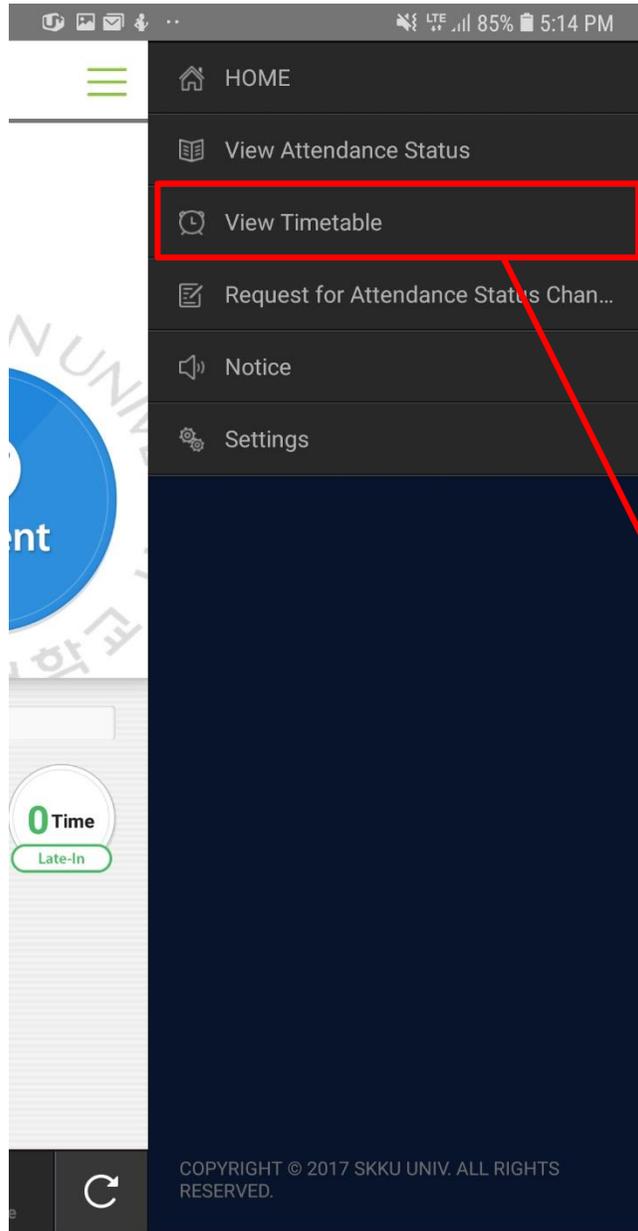
Shows attendance status for the classes you are taking.

#### ■ Page outline

① Attendance status guide

- 1) Not confirmed : Absent or the professor has not updated.
- 2) Attend : checked within attendance time
- 3) Late : checked within 'late' time
- 4) Absent : checked within 'absent' time or directly processed by the professor

## 4) Check Time Table



The screenshot shows the 'View Timetable' screen for '성균관대학교' (Sungkyunkwan University). The title is 'View Timetable' and the period is '2018 Fall Semester Week(s) 2 (9/10~9/16)'. A red circle '1' is around the week selector. The table below shows the class schedule:

	Mon	Tue	Wed	Thu	Fri	Sat
09:00						
09:30						
10:00			제조시스... [26421]	데이터매... [26419]		
10:30						
11:00						
11:30						
12:00						
12:30						
13:00						
13:30						
14:00						
14:30						
15:00						
15:30						
16:00					실형직자... [26421]	
16:30						
17:00						
17:30						
18:00						
18:30						
19:00						
19:30		객체지향... [23529]		객체지향... [23529]	AHP/... [26419]	
20:00						
20:30						
21:00						
21:30						

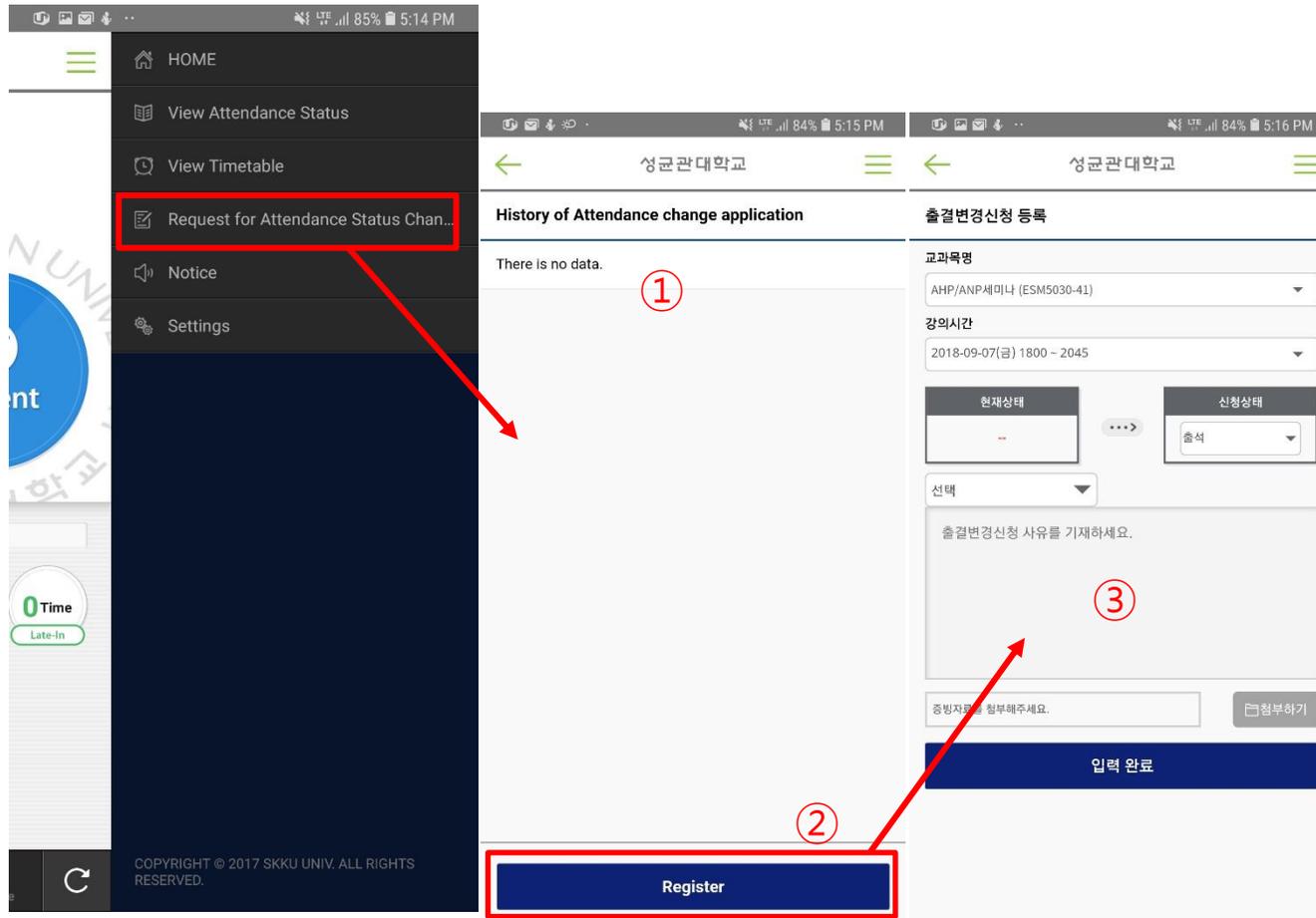
### Page outline

Time table for each class

### Page explanation

- ① Check weekly time table.
- ② Check detail class information. (pop-up window)

### 3) Request for Attendance Change



#### ■ Page outline

Registration page of attendance status change

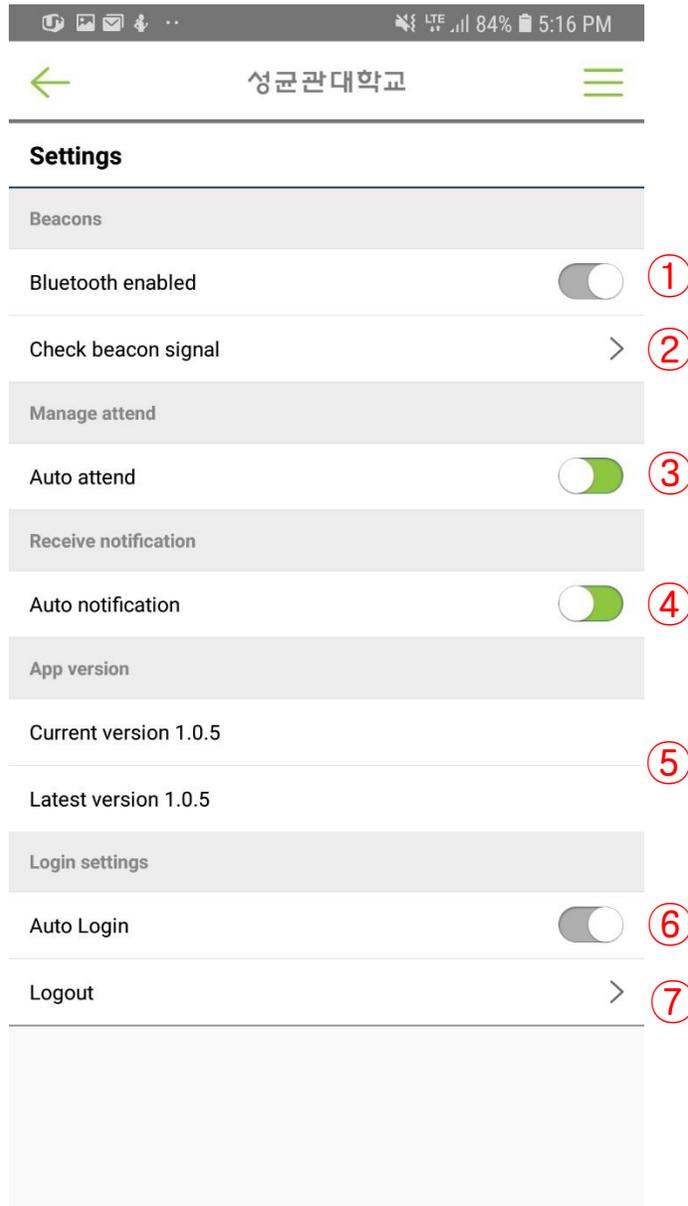
#### ■ Page explanation

- ① Shows registered attendance change request list.
- ② Click request registration and move to registration page.
- ③ Write detail information for the request.

#### ※ Notice

- Attendance status request is available only after the class. Even though you get verbal approval from the lecturer beforehand, WEB request registration and approval is available after that class ends.
- Previous documentary format(request paper or explanatory statement paper) is not allowed.
- Proof data must be uploaded. (If not, request registration is restricted.)

## 7) Settings



## ■ Page outline

Settings for the APP.

## ■ Page explanation

- ① Displays current Bluetooth status and set ON/OFF. (In case of iPhone, user has to turn it on by oneself)
- ② You can check whether it is detecting Bluetooth attendance signal correctly. (The signal is only detected in Electronic Attendance classroom)
- ③ You can set ON/OFF of Beacon automatic attendance.  
(If you turn off this function, Beacon attendance service is unavailable.)
- ④ You can set ON/OFF of auto notice alarm.
- ⑤ You can update when there is a newer version in App store or Google market.
- ⑥ You can set ON/OFF of auto log in when running the application.
- ⑦ Provides log out function.