



## SESSION REMAINDER

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### ABSTRACT

Our project “SESSION REMAINDER” is about representing class time table handy .This application consists of layout of time table .To make the class time table handy, this session remainder has been developed. This app will play a vital role for institutions or colleges who want to inform their faculty in dynamic time. By using this application teachers will also be able to create their class time table as per their convenience. They also can make changes as per their accessibility and necessity. This application also provides the information about the starting time of the sessions and there is no necessity for faculty to check time table every time.

### INTRODUCTION

“SESSION REMAINDER” is a android application which is used to set the time according to faculty schedule. This application is mostly used by the faculty that they can set the alert tone whenever they are required according to their sessions. By using this application the faculty will have no necessity to check the time table every time, the alert tone will automatically gives the notification. The application is developed according to particular college schedule and it sets the timings according to their starting and ending of every period.

It can be easily install and it is user friendly. This application can be used directly by entering the

subject name. Once we installed this application then it can be accessed without using any internet. By entering the data once, then the data can be stored in shared preferences. In this application the weekly schedule is displayed and there is no need to set every day. If we save the data once then it will give the notification to that of every particular period.

This application is mostly useful to the faculty to remind their respective sessions. This application not only give the information of each and every periods with timings and notification but also reduces the time of faculty in order to open the hardcopies of each and every section of every department directly with this application. This application can be accessed by the faculty at any time. The faculty can utilize the facilities providing by these application and also the time which is very crucial now a days. And also take the advantages by this application. So the app can provide each and every class timings for the faculty to utilize.

### ANALYSIS

#### EXISTING SYSTEM

As we all know, how traditional class time has been used and even in today's technical era, this tradition is going on. But sometimes, teachers may forgot their routine and stay idle at staff room by which student have to be the sufferer.

**Disadvantages:**

- Creating timetable manually is very time consuming process.
- It needs more paper work and not sure about usefulness of efforts.
- Separate time table copy should be carried by teacher.
- Miss print of timetable may lead to some misunderstandings.

**PROPOSED SYSTEM**

Session Remainder helps in creating timetable for faculty of each class easily and effortlessly. Moreover, the time table for teachers are generated according to the time table entered by faculty. The proposed system is user friendly. It uses the shared preferences as database for storing all information of subjects.

- One thing to be done by the faculty is
- One has to set the periods for the applications.

**Advantages:**

- Creating time table is quick.
- Software saves our precious time, money in a satisfied manner.
- This software uses the allocation of random classes.

**IMPLIMENTATION****MODULES**

- The project contains the following main modules:
  - Display Time table
  - Update periods
  - Saves text
  - Alert tone

**DISPLAY TIME TABLES**

- This module displays the time table layout in which the faculty want to enter their subjects at their respective hours. That module will look like actual time table that will be easy for the faculty to enter there time table.

**UPDATE TABLES**

- When we click on any button in time table layout we enter into the phase to enter text into the layout. Then faculty should enter the name of session. It automatically store what ever the data entered by faculty. If faculty want to change there entered hour they can change it.

**SAVES TEXT**

- Whatever text we typed that will be saved when we clicked on "ok" button. And we can change the text even though we said "ok".

**ALERT TONE**

- Alert Tone is the notification. Alert tone is nothing but a notification for faculty, to intimate them that they have an hour at particular session.

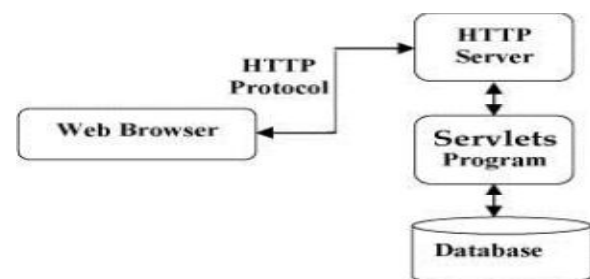
**ARCHITEHTURE**

Fig:Servlet Architecture

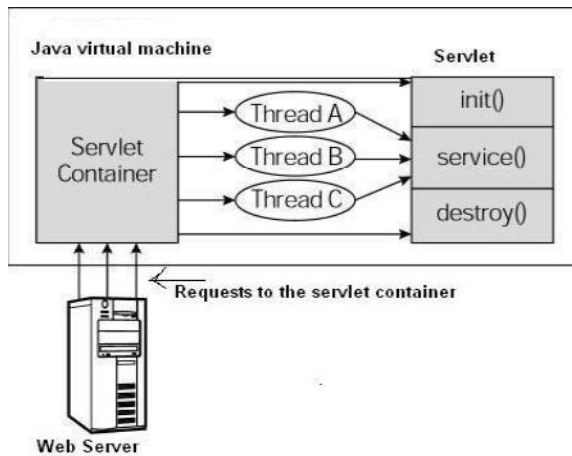


Fig:Servlet Life Cycle

## REQUIREMENTS

### Software Requirements

The software used for the development of the project is:

- Operating system : Windows, Android, Linux
- Programming
  - Language : Java
- IDE : Eclipse
- Emulators : AVD
- Database : SQLite
- Tools used : Android SDK
  - Tools, Android platform Tools

### Minimal Hardware Requirements

The hardware used for the development of the project is:

- Processor : Intel Pentium- IV
- RAM : 2 GB

- Monitor : 15 inches color
- Keyboard : Optical
- Mouse : Optical

## FUTURE SCOPE

To generate time table of institute which will be less time consuming and free of human errors along with the high level of the efficiency and precision. In the current time table we don't think of having allotting of room numbers or class that faulty should have in future we may improve that. And we also choose development of over all process of time table generation along with genetics algorithm.

## CONCLUSION

Finally I conclude that ,this application will be useful for the faculty that there will be no use to check the time table every time. As per their schedule they need to enter the subjects once in the time table and then it automatically saves the text according to their sessions and gives the notification before 5 minutes so they can go to the classes by time to time.

## REFERENCES

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