



# Project Proposal:

## SDSLabs Winter of Code

30-11-2018

### Meeting Management System.

#### Personal Information:

Name: Saakshi Choudhary  
Branch: Mechanical Engineering  
College: Indian Institute of Technology, Roorkee  
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Typical Working Hours: 1000 - 1230, 1330-1700, 1800-2100 hours  
Coding Skills:    
Programming Languages:  
1. C++: Sound knowledge of Object-Oriented Programming  
2. JAVA: comfortable coding in java.  
3.Unity: Sound knowledge.  
Development Environment:  
1.Android studio: Sound Knowledge

#### Project Information:

##### Introduction:

Being at IIT Roorkee is a great experience itself and vibes of different groups around is icing on the cake.

But as we join different groups, it is a little difficult to keep the track of different groups. So why not leave it to the app and make our lives easier.

##### App includes:

- Keeping records of all the meetings. Able to reschedule the meeting if changes occur.
- Record of all the intro talk, workshops and recruitment as well
- Gives 2 reminders to the user:

1. When the app gets the input regarding meeting workshop or recruitment
  2. 20 minutes before the stipulated time.
- If two meeting clash -then it immediately reports the user.
  - If two meeting clashes (i.e. gap less than 20 minutes)-then immediately reports the user.
  - Also keeps the track of projects released by different groups.
  - Reminds you necessary things you should pick before attending meeting/workshop.

### **Primary Goals I (to be completed before Mid term evaluation)**

1. Making an app that can access the WhatsApp messages.
2. Sensitive to the keywords: " Meeting", " Time", "Venue".
3. Can store the information from the message.

### **Primary Goals II (to be completed before the Final evaluation)**

1. Can display the reminder to the user.

### **Secondary Goals:(to be taken up if the primary goals are accomplished and after the winter of code period)**

1. can Redirect itself -Two different meetings coincide or two different meetings are consecutive.
2. Adding features like reminding utilities which are to be needed during meeting /workshop

### **Coding Skills Required to accomplish the above-mentioned goals:**

1. Good grip in Android studio, Corona.
2. Good command on JAVA language.

### **Proposed Timeline:**

#### **3 December-13 December (Home-Work Period):**

I currently have very less knowledge of Android studio. My aim in this period will be to get myself familiarized with syntax of these tools and their implementation to accomplish tasks relevant to me.

#### **14 December - 17 of December:**

Accomplishing Primary Goal, I

#### **17December-19December:**

Completing task (as planned) before Mid-term evaluation.

#### **20 December:**

Mid-Term Evaluation

#### **21 December-28 December:**

Accomplishing Primary Goals II

**21December-24December:**

Using Android studio to reduce the run time and to build a strong UI(User interface)

**25December-28December:**

making provision for self-manipulation (addition, deletion and updating) of reminders

**29 December-1 January:**

Wrapping up my work and suggestion from the mentor if any.

**1 January onwards:**

Working on the Secondary Goal

**3rd January:**

Final Evaluation.

**Why to help me to develop the application:**

I am an 18-year-old, first year student currently enrolled in Mechanical Engineering at IIT Roorkee.

But what is so especial about me, everyone here is the same (Yeah, department may be different).

So here is my thought, I am determined to make this app and leave no stone unturned. Added to that if I am able to succeed in making this application then this is going to help many people to manage time without any effort.

This project will help me to develop multiple skills and learn a lot from it, as it is the best platform to apply our recently gained knowledge in programming and integrated environment.

I assure that my project is achievable in the proposed time.

I am interested in contributing to open source and my project will help me establish the basic work principles to sustain in the open source world.