

**Pioneer Makerthon IITD**  
**Abstract-**  
**Team: Smart Pioneers**  
**Name of Application: UniMesssenger**

**Members:**

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**Problem statement:** Create a messaging tool that will define the future of communication.

**Current Situation:** There are numerous applications available today for solving the purpose of communication (like instant messengers and mailing systems). Many applications usually have some distinct features. To enjoy those exciting features, users download all those applications. Ultimately the memory gets wasted. By using those several applications, users often tend to skip notifications and could not keep a track of them. There is a problem in managing multiple applications with multiple messages coming every day. Moreover, the battery consumption is high. Users have to switch between these applications frequently i.e. time gets wasted for sure. And we should not forget the number of notifications that pile up on the lock screen of our mobile.

**Solution:** We have come up with an idea to overcome this problem. The idea is that we will be creating an application that will be able to integrate the Mailing Systems, Instant Messengers and SMS/MMS. This will currently be made only for Android platform.

**For example:** There is a boy Amit. He has account on Gmail, Yahoo, Facebook Messenger and say on Telegram too. Obviously, not to forget that he must be having SMS/MMS feature available. What our application will do is that we will ask Amit to register on our application and link his accounts with our application. Now if any mail/message is sent to Amit on the applications listed above, then it will get shown in our UniMessenger. We will be syncing the contents of Instant Messengers, Mails and SMS/MMS at one place. Sounds really interesting.

**How it is better:**

- Everything at one place.
- No memory wastage since one application only needs to be installed.
- Better user experience and ease of use.
- One will not have to search for mobile charger again and again.
- User can manage and track all notifications/messages without missing any.
- No piling up of notifications on the lock screen.
- Really fast (one application having all the features vs. many applications have different features).
- We will keep a backup so don't worry.
- And yes, one thing more. An interactive widget will also be there.

**Applications that we will be integrating:**

- **SMS/MMS**
- **Mailing Systems:** Using POP3/IMAP.
  - Gmail (Priority)
  - Outlook (Priority)
  - Yahoo Mail
- **Instant Messaging:**
  - Facebook Messenger
  - Telegram

**Technologies/Platforms/Languages/Tools/IDE's to be used:**

- **Platform:** Android
- **Languages/Technologies:** JAVA, JSON, PHP, Javascript
- **IDE:** Android Studio
- **Editor:** Sublime Text
- **Cloud Services:** Google Cloud Messaging, Parse(Priority)/Firebase

**Future Goals:** We will be making a similar platform (single windowed solution) for integrating social networking applications.