Agile Product backlog:

As a <<role>>, I want to <<feature>>, so that <<benefit>>

Estimate will be one of following, 0, 1, 2, 3, 5, 8, 13, 20, 40, 100.

Velocity of team is 20SPs.

Instant messaging application like WhatsApp:

Sprint backlog

US1: As a user, I should be able to send message to a friend, so that there no need to go to his home to deliver the message. – 8 SPs.

T1US1 – Analysis, Design, Coding - Naveen – 12 hours

T2US1 – Testing – Priyanka – 4 hours

Test1: Given a user, When I message a friend, Then that message should be end to end encrypted for security purpose.

Test2: Given a user, when I send message to my friend, Then I should be notified that the message is delivered successfully

US2: As a customer, I want an option to choose who can add me into a group, so that I can avoid being added into scam groups or unwanted groups. – 5Sps.

T1US2 – Analysis and Design – Sai – 4 hours.

T2US2 – Coding – Srindhi – 4 hours.

T3US2 – Testing – Subashini – 2 hours.

Test1: Given a user, When I am added to a group, Then I should be able to choose yes or no to join the group.

Test2: Given a user, when I get added to a group, then I get notified and given the option to leave, block and report the group.

Test3: Given a customer, when I switch off my privacy settings regarding group notification, then anyone can add me in their group without confirmation.

Test4: Given a user, when I get added in the group, I must get a prompt message to choose from, to join the group.

Test5: Given a customer , When someone is adding me to a group, Then the existing confirmed members fo the group should be made visible to me.

Test6: Given a user, when I am added to a group, Then I should be notified who added me in a group.

Test7: GIven a user, when someone tries to add me to a group, I should be notified and should have the option of choosing to join to group

Test8: Given a user , when someone tries to add me in a group , Then a pop up should be shown to join or ignore the invite.

US3: As a customer, I need to bookmark/save messages, so that I can refer it for future use. – 2SPs

T1US3 – Everything – Shiva – 10 hours.

Test1: Given a user, when i bookmark a message, Then there should be a simple icon/symbol created indicating that it is bookmarked for easy identification.

Test2: Given a user, When I see history of all bookmarked messages, Then I should have the option of deleting some messages.

Test3: Given a user, when I bookmark or save messages, Then I should be able to see all those messages under the bookmark icon.

Test4: Given a user, when I save message, Then it should be saved with the information of sender, receiver and time stamp.

Test5: Given a user, When I delete a bookmarked/saved messages, Then it should be permanently deleted from my device.

Test6: Given a user, when I bookmark or save messages, Then I should be able to see whose message it was and what the message was.

Test7: Given a user, when I view the bookmarked message, then the messages must be ordered from the latest to old messages.

Test8: Given a user, who want to bookmark/save messages, When he tries to group them, then he should be able to move messages into categories.

US4: As a user, I want to be able to send media to other contacts, so that I can convey the content better to large number of people. – 13 Sps.

US5: As a user, i should be able to send/receive emojis, so that communication would be more appealing.

US6: As a customer, I should be able to add certain users to blocklist, so that I don't disturb me.

US7: As a user, I want to have group chats , so that I need not send repeated messages individually.

US8: As a customer, I need to backup my messages, so that i can restore in spite of hardware failures.

US9: As a customer, I want to send message to any customer, so that I can interact with more people.

US10: As a customer, I don’t want my profile to be visible to contacts that unknown to me, so that privacy is maintained