

# Retrospective Document

## Sprint-<#>

### Work & Test Progress

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*Chat System Implementation - In our first meeting on this sprint with our assistant and supervisor, we agreed to work on much more research part of our project because we have a limited time and that is our core part. Then, we need to focus research. However, we also do work about chat system. We implement a messaging system using Google Cloud Messaging and push notification system. We can store data on telephone's own memory and forward messages to other people. Right now, we are trying to decide which technique do we need to use. Storing message data on our server or just telephone's memory. We talked other project groups, some of them using server but they also suffer from using network hardly. We will decide this week and finalize our part.*

*Research about sound merging - We did some research about merging. We try to use different libraries such as ffmpeg. We can use on the server part this libraries but our assistant strongly recommend that should be implemented on android side. While doing this, we are a little bit stranger to the issue. On the other side, we tried to record video and play some music with it in a synchronous way but by using android studio, we have limited things we can do. We are trying to do that. We will get some recommendations on the meeting with instructors of the course.*

*List the tests finalized as part of the milestones planned for this sprint.*

### Team Progress

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*List the team members along with their contribution percentages.*

Ali Haydar Karapınar - %25

Bahadır Ünsal - %25

Fatih Aydilek - %25

Safa Öztürk - %25

### Left-overs (Backlog)

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*List the milestone(s) that could not be 100% completed in this sprint. Give your reasons for the incomplete milestone(s).*

On sound merging, we implemented on server side but we are trying to implement on android side.

Messaging - Desing issue with the storing or not storing messages.

### Next Sprint

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List the milestone(s) that will be targeted in the next sprint.

Implementation of Sound Merging

Leftovers from last sprint - Finishing messaging and comment system.

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## Comments

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Your comments (if any) regarding to this completed sprint.

In this sprint we suffered from lack of knowledge of sound and sound libraries in Java. Although we found proper library, we couldn't integrate to Android Studio. In this part if we were guided more we may get better result about sound merging.

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## Assistant's Evaluation

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Assistant's (Team Leader's) comments regarding to this completed sprint.

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## Supervisors's Evaluation

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Supervisor's (Team Leader's) comments regarding to this completed sprint.

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