

# MSC 16/17 - Android App

“Location and Language Aware Messenger App – LLAMA”



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Client: <https://github.com/feberhard/LLAMA>

v. 0.3

Server: <https://github.com/woernsn/LLAMAServer>

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## Application description and targeted audience

LLAMA helps to communicate with persons in different languages in different locations. It is a multi-feature messenger app that allows to chat with friends in their native language, even if you don't speak it yourself. It also contains a map, where you see other LLAMA users nearby and can start a conversation easily. Besides that, you can display a lot of information about your chat partner's location.

Additionally, you can learn your conversational partners' languages while chatting with them. The targeted audience for LLAMA are students abroad, tourists who want to make friends with locals, festival visitors, etc.

## Contexts

- 🐼 **Language**  
Learn new languages while chatting.
- 🐼 **Location**  
To determine the default language and position in the map.
- 🐼 **Date/Time**  
To get the local time of your chat partners.
- 🐼 **Weather**  
To get the local weather information of your chat partners.
- 🐼 **People nearby**  
To see other users on a map.
- 🐼 **Activity (= “Mood”)**  
To see other users' current interests (want to party, to study, to do sport, etc.)

## Features

- 🐾 Chat with each other in different languages
- 🐾 Learn new languages
- 🐾 Get in touch with people nearby
- 🐾 Possibility to set privacy level
- 🐾 Get information about your chat partners
  - 🐾 Local date/time
  - 🐾 Local weather
  - 🐾 Current mood
  - 🐾 Current location
  - 🐾 Nationality
  - 🐾 Known languages
  - 🐾 Picture
- 🐾 Group chats
- 🐾 Multimedia content sharing
- 🐾 Find groups by common interests, languages, locations, etc.
- 🐾 Ability to invite friends from social networks
- 🐾 Login via OAuth2.0, so you don't have to create another account

## Implementation

//TODO

## Related Work

- 🐾 chatLah  
<https://play.google.com/store/apps/details?id=com.chatlah>
- 🐾 skype (translator)  
(Web and desktop version)
- 🐾 duolingo  
<https://play.google.com/store/apps/details?id=com.duolingo>

## Future Work

In future you can also make multi-language calls. Images with texts in it will automatically be translated.

## Members

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