

## Tell us what your idea is.

Our idea is to make vernacular email client app that gets a user's emails and translates those mail to the user's native language. Let's say a user only speaks Hindi, so this app will translate all emails received by them to Hindi. This app will also translate anything that the user types in Hindi to English before the mail is sent to the recipient. Translation feature will be enabled for all available languages that we can support.

## Tell us how you plan on bringing it to life.

The development of this app will be carried out in 3 stages.

- 1. Build an app that can combine and display emails from different hosts.
- 2. Translate these emails using Google Cloud Translate API.
- 3. Use our custom models using Android on-device ML such as spam classifier to filter out irrelevant mails. And also correct spelling and grammatical mistakes.
- 4. Smart compose feature that automatically translate your email messages to target language plus recommend commonly use case email templates.
- 5. Build a secure storage backend to store the translated emails of a user and use to train our custom models for auto translation.

## Tell us about you.

We are a team of two CS professional and Master's student. We focus around building MI and AI powered intuitive solutions to solve simple but not so focused areas. I make use of Android platform to deliver my product and have been working on it from past 3 years. And my partner is a Machine Learning Engineer since past 2 years experienced in building custom models for specific problems.

## Next steps.

- Be sure to include this cover letter in your GitHub repository
- Your GitHub repository should be tagged #AndroidDevChallenge
- Don't forget to include other items in your GitHub repository to help us evaluate your submission;
  you can include prior projects you've worked on, sample code you've already built for this project, or
  anything else you think could be helpful in evaluating your concept and your ability to build it



• The final step is to fill out this form to officially submit your proposal.