

Teamwork Plan

Stakeholders

- Users - users depend on us (the developers) to keep their private information secure

Resources

- **Bing Translate** - Used in chats to translate information for the user as an extraneous tool.
- **Emails** - Limited by the capability of the email client we use for our application.
- **HTML5** - Limited by the microphone and voice api capabilities of html5
- **WebRTC** - Limited by the constraints of the webRTC api for real-time voice and text communication

Tasks

MVP due: 11/18/14

Final Delivery: 12/2/14

Chat:

Developers: Guillermo & Faruh

Effort: 3 weeks (60 hours) due to unfamiliarity with webRTC

Milestones(done by):

Text chat: 11/18/14

UI, google translate, voice: 12/2/14

Users Model:

** Users can give other users a thumbs up per chat

Developers: Eben

Effort: 1 week (10 hours)

Milestones(done by):

Can initiate matching: 11/18/14

Final: 12/2/14

Favorite Users:

Developers: Eben

Effort: ½ week (5 hours)

Milestones(done by):

Final: 12/2/14

Logged Chats:

Developers: Guillermo, Faruh & Eben

Effort: ½ week (5 hours)

Milestones(done by):

Functionality: 11/25/14

UI: 12/2/14

Matching Algorithm/Process:

Developers: John

Effort: 1 week (10 hours)

Milestones(done by):

Functionality: 11/18/14

Risks

Risk: Small population of online users prevents user from getting a match

Mitigation: aReach a critical mass of users quickly

Risk: Small population of users proficient in certain languages

Mitigation: If bilingual person doesn't exist for 2 languages, just match with a person

who

knows the desired language and use the google translate feature.

Risk: Malicious users

Mitigation: Ability to report malicious users.

Risk: Leaking logged chats

Mitigation: Have more security measures to ensure chats don't get leaked.

Minimum Viable Product

Our MVP must allow the users to create an account, log in, set their language proficiencies, and initiate real time text chats with other users.

Concepts:

- Real Time Text Chat
- Users model: (email, list of proficiencies)
- Matching algorithm/procedure

Issues Postponed:

- Security: We do not really have any anti-hacking measures
- UI: We will not make too much effort on the UI for the MVP
- Logged Chats
- No user to user data model relations for the MVP
- No voice or google translate features