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

Task	Developers	Effort	Milestones	Done By
Chat	Guillermo & Faruh	3 weeks (60 hours) due to unfamiliarity with webRTC	Text Chat	11/18/2014
			UI, Bing Translate, Voice	12/2/2014
Users Model	Eben	1 week (10 hours)	Initiate matching	11/18/2014
			Final	12/2/2014
Favorite Users	Eben	1/2 week (5 hours)	Final	12/2/2014
Logged Chats	Guillermo, Faruh, & Eben	1/2 week (5 hours)	Functionality	11/25/2014
			UI	12/2/2014
Matching Algorithm/Process	John	1 week (10 hours)	Functionality	11/18/2014

Risks

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