

Sprint 3 Plan for ENIGMA

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Sprint Begins: 2016-11-7

Sprint Ends: 2016-11-23

Revision 1, 2016-11-7

Goal:

Finalize the fundamental user communication functionality, encryption integration, and the user interface features.

As a user I would like to look up and add other users to chat with (5)

- Add it to the frontend (2 hours)
- Taking a username string and search for it in Mongo (2 hours)

Estimated Total hours 4 hours

As a user I would like to be able to start a chat with another user (5)

- Write the front-end view to initiate a message (2 hours)
- Write the back-end API (2 hours)

Estimated Total Time: 4 hours

As a user I would like to keep track of a list of contacts (5)

- Create a table for associated contacts (2 hours)
- Server requests and responses for contacts (3 hours)

Estimated Total Time: 5 hours

As the last user leaving a discussion, I would like the messages of that discussion to be discarded. (3)

- Add a button to end the conversation (2 hours)
- Remove chat messages from database (1 hours)

Estimated Total Time: 3 hours

As a user I would like group chat functionality so I can talk to multiple people at the same time. (5)

- Add a button to include another user into the conversation (2 hours)
- Create a new chat with the specified amount of users (2 hours)

Estimated Total Time: 4 hours

As a user I would like to be able to have safely encrypted messages sent to another user (3)

- Integrate prime number generator and encryption functions into the message logic (2 hours)
- Add public/private key for each user (2 hours)
- Encrypt and Decrypt messages sent/received by user (1 hours)

Estimated Total Time: 5 hours

As a user I would like a setting menu (5)

- Include a link to the profile page (2 hours)
- Include a link to the secure logout link (2 hours)
- Updating and editing photo for account (2 hours)

Estimated Total Time: 6 hours

Team Roles:

Product Owner: Taylor Futral

Scrum Master: Gilberto De La Vega

Developers: Jonathan Jang, Edward Schubert, Neil Gorham

Initial task assignment:

Neil Gorham: Include a link to the profile page

Gilberto De La Vega: Create a table for associated contacts

Taylor Futral: Updating and editing photo for account

Jonathan Jang: Integrate prime number generator and encryption functions into the message logic

Edward Schubert: Add it to the frontend

Initial scrum board

Posted on: <http://scrumy.com/enigma>

Scrum Times

Mon: 2:10-2:25pm Jack's Lounge

Tues: 4-4:15pm BE 316

Fri: 2:10-2:25pm Jack's Lounge