Release Plan

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Project Title: GrepThink Live Chat
Project Owner (Sponser): Ryan Monroe & Sean Dougher
Project Owner (in CS115): Sean Gordon
Scrum Masters:
- Sprint 1: Ali
- Sprint 2: Anjali
- Sprint 3: Trevor
- Sprint 4: Hugh

Release Date: Sunday, Dec 3rd, 2017
Revision Number: 1.0.0

Release Details:
Adding live/real time chat functionality to GrepThink's Website.

Lots of people working on a project use a chat site such as slack. We want to implement this type of chat functionality in GrepThink's site to allow users to have a more standalone system, without needing to sign-up on an additional site just to communicate with each other. This real time chat will be expandable for gifs, code blocks, links, @s, DMs, etc.

The following functions of the live chat will be implemented in sprints:
Min Specs (Sorted with Highest Priority (for Product Owner) at the Top):
- Real time chat capability that does not require refreshing to load new messages
- Moving the chat to a more usable place
- Direct messages
- Chat notifications
- Organizing chats into channels
- **(BONUS)** gifs

Stretch Goals (The other GrepThink project(s) might cover some of these):
- Document Upload
- GitHub Integration
- Scrum Board

User Stories, Priority Ordered	Story Points
Sprint 1:	
As a developer, I want everyone (other developers) comfortable using git and GrepThink's GitHub so that we can seamlessly deploy our new product.	8
As a developer, I want everyone (other developers) using the same Django and Python versions so that we do not get any code conflicts.	3
As a developer, I want everyone to understand and go over the code given to us so we will know what we will be working on.	9
As a scrum follower, I want everyone to know how to use the scrum board on Trello.	3
Total Story Points:	23
Sprint 2:	
As a user of GrepThink, I want to be able to have a text based real-time chat so that I can message my team and have my text show up on their screen immediately.	5
As a web dev, I want to use Django Channels so that we can implement real-time updating of the webpage, without the user needing to refresh.	8
As a user & web dev, I want chat to be in a better place so that it is easier to access (left side bar).	2
Total Story Points	15
Sprint 3:	
As a user & web dev, I want notifications so I can be alerted when someone posts a new message.	5
As a user & web dev, I want to be able to reference someone's profile in chat with @ and give a notification.	5
As a user, I want to be able to direct message another profile so that I can talk to someone one on one.	5
Total Story Points	15

Sprint 4:	
As a user & web dev, I want different channels so that different topics can be organized into proper channels	6
As a user & web dev, I want direct messages so that I can send messages to specific members and not have my messages mixed together with the main developer channel	4
As a user, I want to be able post gfys so that i can be more visual with my thoughts.	7
Total Point Count	17