

## Individual Proposal

### ***My role(s) in the group project***

Our project is to create and show different visualizations on a website, based on data analysing. I am experienced in several programming languages, for example, Java, JavaScript, Html and I have studied to create different visualizations by categorizing different data in previous course.

- Programmer (mostly front-end)

As one of the programmers, my main job is to build up the web pages as well as creating visualizations based on different set of attributes. Additionally, I will help managing database.

- Tester

During each sprint, I am involving in ***“Integrate & test”*** stage, to test the integrity of our website system. For example, after sprint one, we will have our web page prototypes as well as database set up ready. Test on connectivity among web pages, database and API (fetching data from API, storing it in database and displaying it on web page) will be executed.

- Leader

Dividing and allocating tasks to group member. Arrange meetings each week, constantly contact with project manager as well as monitoring the progress of our project.

### ***Interfaces to other group member's tasks***

In previous weeks, our tasks were to research the business environment and identify the proposed solution we are delivering. My job was to research on the market overview of cryptocurrency exchange and identify market needs. After discovering findings, I shared those on Google Doc in order to let other members collaborate with my findings.

In coming weeks, I will start to build all visualization charts. After Harry finished with fetching data from the API we are using, I will ask for a subset of

copy to start creating previews of our visualizations (and later on, the data used for visualizing will be retrieved from our database, constructed by Isaac). During the progress, I will keep asking Krishna, who designs UI, for suggestions to adjust the features and components displaying on visualization models, for example, color, size, different charts or animation and etc. After our database is successfully built, I will ask Isaac to help me access and retrieve the data from database instead of using the first copy from Harry, and some additional organizing work maybe required. Finally, I will help Krishna with displaying the visualizations on web pages.

We will also test and debug each other's part during every ***"Integrate & test"*** stage in each sprint.

### ***Personal timeline***

<b><i>Week</i></b>	<b><i>Task</i></b>
<b>1</b>	Form group, get familiar with group members, know each other's skill
<b>2</b>	Meet with client, identify project deliverables Define group roles, creating Bitbucket repo & Slack team
<b>3</b>	Background research on current market, brain-storming methodology
<b>4</b>	Prepare to start writing proposal, provide feedback of research, identify the still-needs & outline the methodology and technical strategy
<b>5</b>	Finalize proposal, start building visualizations, help building database
<b>6</b>	Start to build-up visualization preview, interact with UI designer
<b>7</b>	Working on visualizations, help other members
<b>8 &amp; 9</b>	Access data from database & display data on web pages
<b>10 &amp; 11</b>	Testing, debugging, meet with client
<b>12</b>	Final website launch

## Evidence of successful communication on bitbucket/slack for the creation of the project proposal






### Creation of Slack team & Integrating Slack with Bitbucket:

#### #general

You created this channel on August 9th. This is the very beginning of the [#general](#) channel. Purpose: This channel is for team-wide communication and announcements. All team members are in this channel. ([edit](#))

[+ Add an app](#) [& Invite people to COMP5703-bitcoin-shik](#)

Wednesday, August 9th






-  **scott** 4:36 PM  
joined #general. Also, @krishna joined, @harry joined.
-  **scott** 4:40 PM  
Greeting
-  **isaac** 4:40 PM  
joined #general
-  **harry** 4:40 PM  
Hi, everyone.
-  **isaac** 4:41 PM  
Strange

#### #bitbucket

You created this channel on August 16th. This is the very beginning of the [#bitbucket](#) channel. Purpose: bitbucket repo monitoring ([edit](#))

[+ Add an app](#) [& Invite others to this channel](#)

Wednesday, August 16th




-  **scott** 5:05 PM  
joined #bitbucket
-  **scott** 5:05 PM  
set the channel purpose: bitbucket repo monitoring
-  **harry** 5:05 PM  
joined #bitbucket by invitation from @scott, along with @isaac, @krishna, @mmcgrane
-  **scott** 5:06 PM  
added an integration to this channel: [Bitbucket](#)
-  **Bitbucket** APP 5:13 PM  
[Bitcoin Online Exchange/master] 1 new commit pushed by xdon2462  
[67edf52](#) README.md created online with Bitbucket - Xiaojun Dong

### Using source control tool - SourceTree to manage version control


COMP5703-Capstone-Bitcoin (Git)

Commit Checkout Reset Stash Add Remove Add/Remove Fetch Pull Push Branch Merge Tag Show in Finder Git Flow

All Branches Show Remote Branches Ancestor Order Jump to:


Graph	Description	Commit	Author	Date
	<a href="#">origin/master</a> <a href="#">master</a> <a href="#">HEAD</a> README.md edited online wi...	f526fa3	Xiaojun Dong <xdo...	2017年8月16日...
	Test	545db28	Isaac8158 <hongyu...	2017年8月16日...
	README.md created online with Bitbucket	67edf52	Xiaojun Dong <xdon...	2017年8月16日...

## Creation of shared Google Drive Folder

 **BitCoin - API** ×

DETAILS


ACTIVITY



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K




余

Type

Google Drive Folder

Location

 COMP5703 - \*\*\*

Owner

Hongyu AI

Modified

16 Aug. 2017 by Hongyu AI

Opened

16 Aug. 2017 by me

Created

16 Aug. 2017

## Creation of Bitbucket: <https://bitbucket.org/shikbitcoin/bitcoin-online-exchange>

</> Bitcoin Online Excha...

Overview

<> Source

Commits

Branches

Pull requests

Pipelines

Wiki

Downloads

Settings

SHARE YOUR THOUGHTS

Give feedback

Turn off new nav

SHIK-BITCOIN / COMP5703-BITCOIN / Bitcoin Online Exchange

Overview

HTTPS

git clone https://xdon2462@bitbuck

Share

👁

Last updated 2 hours ago

Access level Admin

0 Open PRs


2 Watchers

1 Branch

0 Forks

Invite users to this repo

Send invitation



Recent activity

Home

Wiki page updated in shikbitcoin/bitcoin-o...

Xiaojun Dong · 48 minutes ago

Home

Wiki page updated in shikbitcoin/bitcoin-o...

Hangyuan Yu · an hour ago

Home

Wiki page updated in shikbitcoin/bitcoin-o...

Hangyuan Yu · an hour ago

Home

README

This README would normally document whatever steps are necessary to get your application up and running.

What is this repository for?

- Quick summary: This project is Team SHIK's capstone project for online bitcoin exchange.
- Version 1.0
- Learn Markdown

Team wiki on Bitbucket:

<https://bitbucket.org/shikbitcoin/bitcoin-online-exchange/wiki/Home>