

**Crypto Stock Market Advisor - Weekly Activity and Progress Report**  
**CS 442 Group 7**  
**Week 4**

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**Group Members:**

- **Member 1:** Keyur Patel
  - **Member 2:** Esat Duman
  - **Member 3:** Federico Mansutti
  - **Member 4:** Abhishek Walvekar
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**Weekly In-Person Review Meeting:**

- **When:** Friday afternoon 12pm
  - **Where:** UIC Library
  - **Missing:** N/A
  - **Late:** N/A
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**Recent Progress:**

- **Keyur Patel:** Did some research on how to implement Django. Researched possible API's to use for the project.
  - **Esat Duman:** Looking for APIs we can use on stock exchanges. Looking at already created web applications to create design ideas we can use in the next in person meeting. setting up the projects framework with everyone onboard.
  - **Federico Mansutti:** Divided the implementation of the RNN into stages: first build use a pre build mode and make a simple prediction. Then remove the last layers and freeze the rest (transfer learning) and train. After this is finished, fine tune all the layers together.
  - **Abhishek Walvekar:** Set up Jira by communicating with the TA. There are still some issues in getting JIRA to work on our local devices. Set up the Git Repository for the project.
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**Current Action Items (Work In Progress):**

- **Keyur Patel:** Set up the API's that need to be used. Start setting up the UI and figure out what database we need to use.
- **Esat Duman:** Finding the API that will help our project's success. Learning how to connect react and django together.
- **Federico Mansutti:** Implementation of the RNN (given data makes a simple prediction) that predicts the stock prices.
- **Abhishek Walvekar:** Come up with story points for the first scenario. Start working on the story points for Market Exploration UI.