

Company Name: Upstockx

Scrum Master: Saumya Prabhakar

Sprints: 4

Sprint members: 4 Developers, 1 Tester, 1 Tech Lead for Technical Interface

1 Product Owner, 1 Scrum Master for Team Interface

Product Backlog:

- Stock Portfolio page which shows all types of stocks.
- Customers page where customer can sell and buy stocks.
- seller page where company is selling their stock
- Security should be ensured.
- admin page to look for overall process.
- Integrity and data protection is a must.
- New user should be able to register
- Customer after purchasing all stock should be able to monitor it in one place.
- Home Page should show our products in middle.
- A search bar on top with our navigation system to land on different pages.
- An animation to attract customers for purchasing stocks.
- A portal time from 9 am and 6 pm will have lots of load so system should ensure that much of the load.
- If possible, adding international stocks will be good to go.
- Stock live updates need to be updated every 10s duration in customers profile page of which they had purchased the stock.

Sprint Backlog: Salary and Infrastructure cost of scrum team, Setting up required tools (like development, Devops tools, Testing Tools), additional cost will be added at bill if further required.

Sprint 1:

Sprint Duration: 4 Weeks

Sprint Members: Developers: Ajay, Seema, Rohit, Akash

Tester: Shivani, Tech Lead: Shruti

Scrum Master: Saumya Prabhakar

Product Backlog: In this Sprint team will perform tasks like creation of homepage giving all functionalities, with login and register page and creating navigation and search bar. They will partially work on customers interaction page.

Sprint Backlog: Software's and Infrastructure to be required.

Report: After fulfilling above requirements, Testing and showing the work to product owner this sprint was closed.

#### Sprint 2:

Sprint Duration: 2 Weeks

Sprint Members: Developers: Ajay, Seema, Rohit, Akash

Tester: Shivani, Tech Lead: Shruti

Scrum Master: Saumya Prabhakar

Product Backlog: In this Sprint team will complete the customer interaction page like showing their purchased stocks, live graph of stock market and security and integrity will be kept on check.

Sprint Backlog: Data to be shared for user input, Database schema, Functionality check in 2 days.

Report: After all Review and Testing we accomplished the required functionality and this Sprint was closed.

#### Sprint 3:

Sprint Duration: 3 Weeks

Sprint Members: Developers: Ajay, Seema, Rohit, Akash

Tester: Shivani, Tech Lead: Shruti

Scrum Master: Saumya Prabhakar

Product Backlog: In this Sprint team will work on admin portal where owing company can check all the functionalities and have privileges security to be insured by company admin will be provided with the rights to watch over the genuine stocks and they can also monitor their customers records of their customers and can have watch on livestock market.

Sprint Backlog: IDs of admin to give escalation of privileges to them, software for development.

Report: after achieving above task and testing all the functionalities it was shown to product owner, this Sprint was closed.

#### Sprint 4:

Sprint Duration: 4 Weeks

Sprint Members: Developers: Ajay, Seema, Rohit, Akash

Tester: Shivani, Tech Lead: Shruti

Scrum Master: Saumya Prabhakar

Product backlog: in this Sprint team will work on seller page and then integrate all the things and then the product will be ready for deployment.

Sprint backlog: sellers database, API access of their portal, deployment tools.

Report: In this Sprint integration was done and the product is ready for deployment after getting reviewed by product owner.