

Release Plan

Product name : AMAZINO

Team name : Brokers

Release name : AMAZINO-alpha

Revision number 0 from 2019-06-27

High level goals

Our high level goal is to make sure that users can login with his own account, then register stuff, or bet for existing hosted stuff. The winner of the betting would be decided by pair drawing algorithm.

1. User should be able to log in and access their account details
2. Sellers should be able to post listings to the market
3. Buyers should be able to view and pay for items in the market
4. The web app should be functional and simple to use

USE SCENARIO

1. Seller registers stuff with the anticipated price.
2. ex) 'A' registers a bike with \$30.
3. Customers who want to buy that stuff bet on it.
4. ex) 'B' pays \$5, 'C' pays \$2, etc...
5. If the total payment of the customers on that stuff reaches the anticipates price, the 'drawing phase' is started.
6. Each person who participated in the betting has $(\text{personal payment} * 100 / \text{total price}) \%$ chance to get the stuff.
7. ex) 'B' has 16.67%, 'C' has 6.67% chance to win the drawing phase.
8. The winner of the 'drawing phase' is decided! He/she gets the stuff, and the seller gets all of the payment.
9. ex) Miraculously, 'C' was chosen with the 6.67% probability! 'C' gets the bike and 'A' gets the whole money.

User stories for release

Sprint 1

- (13) As a developer, I need a database for viewing the whole log of user actions and managing the website traffic.
- (8) As a seller, I need to register my stuff with some information such as price/simple description. (highest priority)
- (8) As a user, I need to login/logout to track my purchases and listings.
- (3) As a dev, I need a local account balance to use and test payment features.

Sprint 2

- (5) As a buyer, I need to be able to bet for the product with my own point.
- (3) As a buyer, I need to charge points / be able to pay money for stuff.
- (8) As a dev, I need to have a fair drawing algorithm for deciding the winner.
- (8) As a buyer, I need a visible market with listings available for me to choose from.

Sprint 3

- (8) As a buyer, I need to search for the products I want.
- (2) As a website manager, I need a pay limit to prevent the loss of customers.
- (13) As a user, I need a well designed and intuitive user interface.

Product backlog

- (20) As a buyer, I need product recommendations for me.
- (8) As a seller, I need a way to advertise or share my listings.