1. The user must be able to register an account
2. The user must be able to log in securely uniquely identifying them for the duration of the session
3. The user must be able to submit a photograph, GPS location and price.
   1. For this the user must link a verified paypal account to their Ink. account.
4. The user must be able to search for listings by radius and sort them by distance, artist rating or artwork rating.
5. The user must be able to send a receive messages with the owner of a listing.
6. The user must be able to transactionally purchase an artwork by paying immediately through paypal.
7. The user must be able to pay both the artist and Ink. through a single transaction.
8. The user must be notified if one of their artworks is purchased.
9. The user must be able to rate an artwork.

Story - The user must be able to submit a photograph, GPS location and price.

1. User swipes right unveiling the sidebar menu.
2. User clicks the “Submit artwork” menu listing.
3. Sidebar moves back unveiling the main window with a submission form.
   1. If the account has an unverified PayPal account tied to it then display an error saying that the account must be verified.
4. The submission form has a square window which when pressed prompts the user to attach an image from their gallery or take a photo.
5. The submission form has a field for deposit price that if left blank means the user is unwilling to take a deposit.[[1]](#footnote-1)
6. The user sees a radio button that indicates whether or not the user is willing to tattoo the design.
   1. If this is pressed then a text field becomes editable where the seller can specify the price for tattooing the design.
7. The user clicks the submit button
   1. If both the deposit field is left blank then an error appears informing the user that they must populate this field
   2. If GPS on the phone is currently switched off an error appears notifying that the user must turn on GPS
   3. If none of the previous conditions are triggered then the item is sent to the server and it is soon available to buy from the app.

1. We’ll only accept deposits because for buyers to be eligible for PayPal buyer protection the item must be a physical item that can be posted – I suggest we only accept deposits as “full payment” for the design and have the sellers post a physical copy of the original artwork to the buyer. [↑](#footnote-ref-1)