**What problem does your app focus on?**

Our app Marvel Hero generator focus on a fundamental problem in society. We do not know what our super hero Alias would be. Arguments arise over the most trivial problems, friendships ruined, rivalries created over a simple question, “which marvel character am I”? our app aims to solve this solution reading our facial features and through and intricate algorithm designed by our team, we can determine what marvel super hero best suits you based on your face.

**How does your app solve this problem at a high-level?**

Our app solves this problem at a high-level because our results are absolute, if that kid across the room keeps bragging he’s as smart as tony stark. Or as good looking as captain America, you can use this app to show him that he’s really the thing.

**What steps did you take to build the app.**

Split the work into four sections:

1. putting images onto firebase and returning a valid url and image.
2. Passing the image into face++ to analyze the facial features and return unique data (top secret)
3. Using the data we acquired from face++ our sophisticated algorithm is able to process the data and query the marvel data base to return a character
4. Using the data we input and generated we pass the data back to the front end and display it on our main div

**Show the app running and solving the problem that began your story.**

**Also talk about what features you’d like to add in an update to your app.**

features we would like to input are a combat system where characters are assigned a hidden value of their power level based on our awesome algorithm, and they are then able to fight other people’s avatars. The more battles they win the stronger their power level becomes

another feature we would like to implement is a social media share function. Where users can use the facebook api to show there characters on their facebook feeds.

A final feature we would like to implement is a global scores table where people can see who is the most powerful marvel character out there.