

FAMU/FSU College of Engineering
Department of Electrical and Computer Engineering
Functional Decomposition

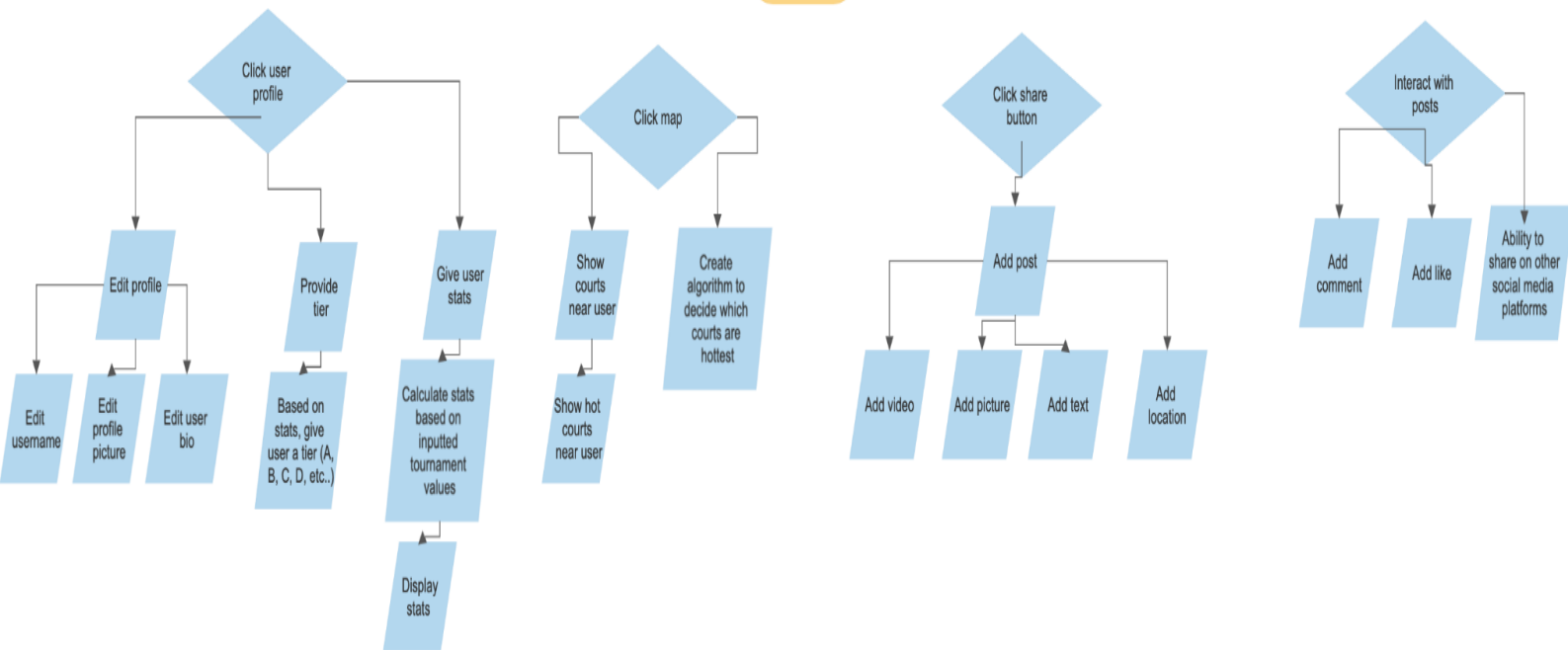
Team #305

Mouthpiece Social Media Application

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Mouthpiece



Explanation of Results:

We believe these are the fundamental components to creating a minimal-viable product for Mouthpiece. These are the main components of a social media app, as well as components that will make our app unique.

- The services provided:
 - User Profiles
 - Specialize profile editing
 - Profile Pictures
 - Tiers
 - Stats (Unofficial and Official)
 - Social Sharing
 - Post pictures, videos, strings
 - Commenting
 - Messaging
 - Sharing
 - Liking, reactions
 - Ratings
 - Geolocation
 - Court/Field Locator
 - Show hot courts in the area
 - Nearest Courts

Connection to systems:

The columns provide an explanation of the steps our team needs to complete in order to produce a working function. As you go further down the graph, you will see that some of the functions build upon each other in order to provide more features. We start with the simplest implementation then proceed to complete harder tasks the further we get into the project.

Smart integration:

The rows provide an explanation of all the functions our project will encompass. We believe these are the building blocks needed in order to create a minimal viable product. For example, every social media needs a way to edit your profile, post information, and comment and share. Once we complete all these functions, we can say we have a working product and can begin working on more advanced functions and features that our user may want.