

FAMU/FSU College of Engineering
Department of Electrical and Computer Engineering
Customer Needs

Team #305

Mouthpiece Social media Application

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**** Since we don't have a sponsor for this project, we asked a potential consumer that is interested in the theory behind the app to answer a few questions about any features that we could implement to make the app the best it could be**

Questions given to the customers w/ the respective responses:

1. Question: What feature would you like to see in the app regarding picture/video sharing?
 - a. Response: I think it would be nice for other users on the app to interact with your shared pictures and videos just like how you can in any other social media app.
2. Question: How can we, as the developers of the app, bring the basketball community better together?
 - a. Response: Having some in-person events would be nice, maybe having a way for people of the app to play basketball together.
3. Question: What do you think is best for the recruitment-side of basketball from a recruiter's perspective?
 - a. Response: Have media be present and easily accessible for recruiters to see when they open the app.
4. Question: Any way for the app to integrate more of a competitive scene amongst players?
 - a. Response: Have a ranking system that ranks teams/individuals based on how well they perform in in-person events.
5. Question: Can you think of any other nice-to-have features for the app?
 - a. Response: Having statistics of a team or user would be nice, also helps the recruiters if they want more of an in-depth analysis of who they are looking for.

Interpreting customer needs:

1. Have a system where each post made by a user or team, whether that be a text post, video, or picture, has the ability to be explicitly "liked" or "loved". Other users should also have the ability to comment or share the post to others.

2. Implement some geo-location functionality where users of the app have the ability to check nearby basketball courts, and closely monitor who and how many individuals are at said court.
3. Have a “discover” icon that shows videos and pictures of individuals that are growing in popularity on the app through their skill, giving recruiters the perfect leeway to recruit those that are seeking recruitment.
4. Have a tournament section of the app that allows teams, no matter the skill, to face other teams of similar-skill around the area to earn points towards a ranking system (S-D tiers), this incentivizes users to seek tournament play by implementing a more competitive aspect of the app.
5. When viewing the profile of a team page or an individual, users can view both unofficial and official statistics of said team or individual, such as recent games played alongside the scores, any tournaments that they’ve participated in and show how these statistics compare globally to other teams/individuals on the app.