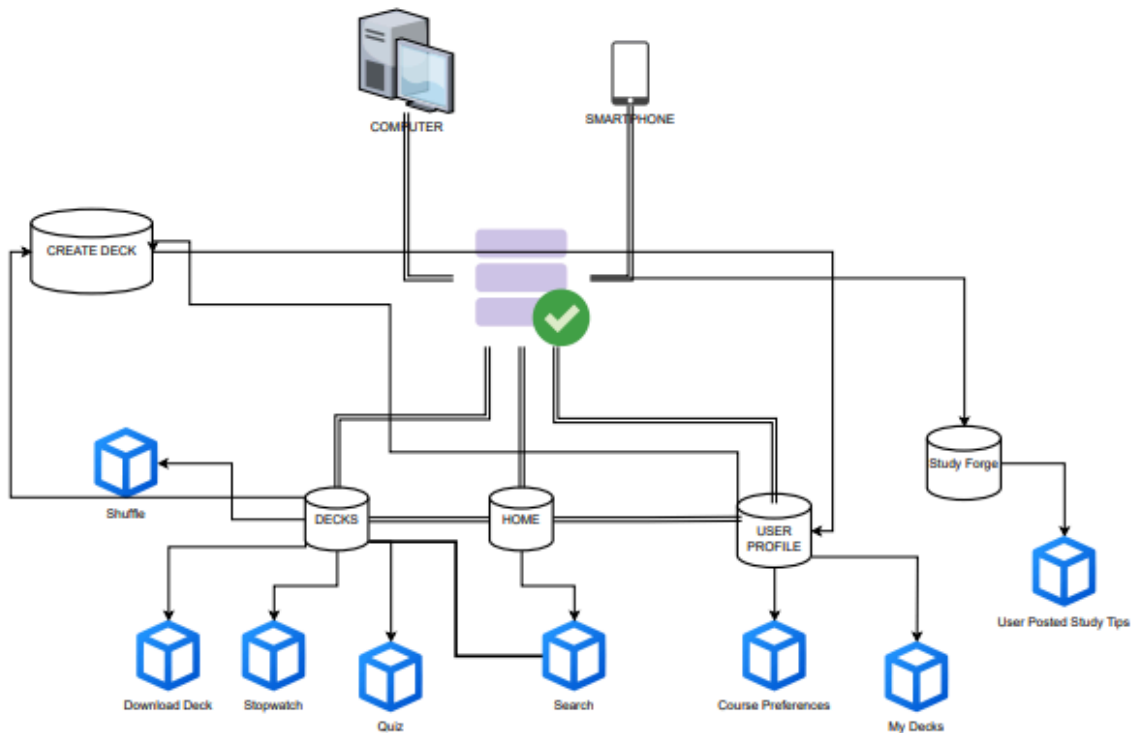# Flashforge Schedule

Summary:

      Above is a network diagram representation of Flashforge. From the user's device, the server is accessed where pathways to different pages are accessible. The network diagram specifically highlights pages that exist as of sprint 3's completion. Traffic through pages is possible in any direction though feature access is on a per page basis.

Critical Path:

      Critical paths are indicated with arrow lines, they represent a dependency between child and parent. More specifically, features are children to their pages, the possibility of accessing and using these features only exist while a certain page is being accessed, they depend on the parent node being active. For example, being able to download a deck and access the quiz feature is only available through the deck page while viewing your personally created deck is available through the 'My Decks' page. This functionality is explained more in depth in the sprint 3 demo video. Bold lines represent a partial dependency, in this diagram the search bar partially

depends on a deck existing though it is inaccessible on the decks page (currently). While it will function with no decks existing, its purpose will be useless as no request would be returned.

Staying on schedule:

For children nodes to function properly the parent node needs to exist due to a dependency. As such, it was important to lay out a network diagram like this for sprint 3 to identify what needed completion prior to development. We needed to ensure the backend structure for deck data was refined as it holds the most features throughout our site and is depended on by many nodes. Deck creation was added in this sprint, dependencies were refined as a result. Downloading the deck also holds many dependencies as well, backend structure for deck data and refinement of the decks page was important so that this feature could be implemented appropriately. Lastly, the 'Study Forge' study forum was a new page with no dependencies aside from basic site functionality. As a result of it being a new page, development of the study forum was simple and not much scheduling needed to be done.