**Criterion A: Planning**

**Description of the Scenario**

The yearly NCAA basketball tournament, known to most as March Madness, is always one of the most competitive and entertaining competitions that my parents and I partake in.

**Rationale for Proposed Solution**

Due to the fact that my dad updates the weekly information

**Success Criteria**

My father and I decided on the following success criteria for the March Madness program:

General Criterion:

* Allow for the creation of up to 30 unique accounts
* Login system that will only let the user edit their own bracket
* Save the name and password for all users
* Allow users to create a bracket out of the 64 March Madness teams
* Allow for changes to be made to brackets up until March 19th, 2019
* Allow the brackets to viewable, but not editable, by all users
* Menu system that lets users switch between viewing brackets and viewing NCAA updates

Criterion Updated Daily:

* Store NCAA game results in the database as they are played
* Printout NCAA game results
* Ranking system that shows who has the most complete overall bracket
* Printout a list of users who lost Sweet Sixteen picks
* Printout a list of users who lost Elite Eight picks
* Printout a list of users who lost Final Four picks
* Printout a list of users who lost their Champion
* Printout the number of upsets (lower seeded teams winning)
* Print in a table the quantity of number of wins based on team seed number
* Printout most correct bracket and incorrect bracket per region
* Print out winning percentages of animal vs humanoid mascot games