Criteria for proposal:

* Title
* Serious problem being addressed
* How does the project integrate play?
* What are you going to make?

1. Tinder for finding housemates – matching groups to individuals

Name: UniHouseHomies, BuddyBunchUp: Tired of

Solving the problem of those that have not had the opportunity to meet potential housemates or those groups who may have a house and had someone drop out/need an extra person. We do this in a playful and more user-friendly way by using mechanics of dating apps where users/groups can select preferences and see a range of potential matches, swiping to either say yes or no.

Preferences to be selected:

* Location - similar to right move where you select the location of the house and adjust distance
* Number of housemates
* Looking for groups or individuals
* Budget
* Bio/ interests
* Prompts – e.g. housemate pet peeve
* Clifton tix – have to scroll through all of it, will save time

Other options:

* Option to confirm a found house – ask them to leave a review
* Video call? - probably best for a future feature
* Verify accounts
* Little video introduction

1. Finding movie to watch using virtual dartboard (movie recommender based on preferences)

Name: FilmFlicker, DartIt:

Solving the problem of indecisiveness when picking a movie. Will give you a selection of 10 movies that fit the genre/film length/age etc that you want, and then can integrate a random selection fun thing to pick a movie in that selection at random. This poses a serious visualization challenge!

Playful aspect of dart throwing,

**PROJECT PROPOSAL**

**Title of Project:** UniHouseHomies/BuddyBunchUp  
 **Strapline:**

**What is the serious problem being addressed?** For our project, we established the problem of looking for housing with a suitable group of friends. Sometimes, this can occur due to people dropping out and needing another person to fill in. Other times it may be that there are people unhappy with their current living situation and looking to move to a happier and more enjoyable situation. Additionally, it may be that people have considered doing a postgraduate degree or are on an intercalation year, where they are unsure on where they would like to live but want to be comfortable to ensure that they enjoy their year. The project was of particular interest to us, since we were in the situation at one point or knew of someone else that were in a similar situation but could find no options to get them out. We hope that the use of this application allows these groups of people and individuals find a person/people that are well-suited to each other and leads to a happier living situation for both.

Looking at alternatives that are currently in place show the extent of the problem. We see that most people either turn to the Clifton and Stoke Bishop Facebook page or alternative housing Facebook groups designed to help people find suitable accommodation. The problems with these pages are that they can be unorganized, making it hard to track what users have seen and what users are yet to see. Additionally, it is hard to tell what the group dynamic is like or whether the individual would be a good fit from a simple sentence made on a Facebook post. Other alternatives that people could use are spareroom.com, however this can still lead to a mismatch in personalities and a less than ideal living situation.

**How does the project integrate play?** To engage the users, we have opted into using the mechanics of dating apps where groups and individuals are able to see the profile of each other. After looking at this profile to see if there would be a good fit, users are then able to swipe right or left to indicate yes or no.

Potentially, another way we can add a playful aspect to the application is if we allow users to introduce themselves in a playful style, for example a tik-tok style clip.

The playful style we use here will allow for users to quickly swipe through potential housemates or groups to find the best match for them. Additionally, the use of a tik-tok style clip will allow for personalities to show, meaning both parties are able to connect in a fun manner.

**What are you going to make?** The scope of the project is to develop a prototype that allows groups and individuals to connect in an easy and efficient manner. The core features of our application is that users will be able to create an account, meaning they can go on and off the application as they wish without the need to constantly re-enter data. When they are creating their profile, they will be able to select several preferences (as suggested below):

[LIST]

Technical challenges that we may incur during this project are that ensuring that when a match occurs, a message is given to both parties. This will then enable both parties talk to each other and see if they would be a good match for each other. Ensuring that this connection remains after the user quits the application and goes back on later, will be key and could be a potential challenge. Another potential challenge, we could incur is ensuring our matching algorithm is of a sufficient standard and leads to quality matches and a more likely positive outcome for both parties.

Potential external API’s.

We hope that this can be used for both mobile and desktop, since this will allow users to regularly check out what options they have. Additionally, we hope that will also allow for regular communication.