



#### Assumptions

1. Users must create a profile before providing user inputs
2. Users can create input multiple searches
3. Each course can have 0 to any number of sections
4. All professors teach at least one section
5. Each user input has one favorite professor
6. Each professor can be favorited by any amount of inputs
7. Courses can be related to at any number of user inputs
8. Users can find any number of courses related to input