

## GitGud - Seat Critique Product Backlog

Name	Description (User Story)	Complexity (1-5)	Hours Required (Estimate)
Create and Use User Accounts	As a user I want to create and log into an account	3, since Devise is a great library that makes this super easy. And we've used it before	1
Add Buildings	As a logged in user I want to be able to add a building that's currently not in the database.	2, since this is database work we've already done multiple times	2
Add Restrooms	As a logged in user I want to add a restroom not currently in the database.	2, since this is database work we've already done multiple times	2
Submit Critiques	As a logged in user I want to review a restroom I've recently visited.	2, since this is database work we've already done multiple times	2
View Buildings, Restrooms, and Critiques	As a user, I want to be able to see all the critiques other users have made for each restroom in each building.	3, since this goes hand in hand when developing the rest of the database, but can still be a difficult task	4
Make Preferences	As a user I want Seat Critique to prioritize restrooms with high ratings in the things I care about, and I want a way to tell the app what I care about.	3, since this will be database related, but it's multiple inputs at once, and we've never done something quite like this.	2
Image Recognition?	When submitting pictures, all things that generally shouldn't be on any classy website should not be approved. Image recognition would make this automatic.	5, since this is a really difficult problem always. This probably won't be in the final version, unless we can find a library that does this.	Many
Find a Restroom, "Seatseek"	As a user, I want to easily be able to find a nearby restroom that best meets the standards I prefer.	4, since this will likely be a complicated algorithm based on user preferences and distance, which means	6

		we will need to have both preferences and GPS implemented. Creating the “best” algorithm will be a complicated process	
Localized Chat, “Stall Wall”	As a user currently in a restroom, I want to be able to leave a message for future users unique to this particular restroom to read, without writing on the walls.	4, since this is also location based, and only people in nearby restrooms should be able to view / write to them. We’ll need GPS, and we’ll also need to determine when users can view messages, and many other details	5
Map and GPS implementation	As a user, I would love to see a physical map marking the locations of all the restrooms, instead of just a list. I would also like to know my distance from each restroom, so GPS integration would be nice.	5, because we know nothing about GPS currently, and it’s generally a difficult problem. Generating a map could be easier, if we have an API to work with. However if we don’t this will be very difficult. It will take a lot of time regardless.	10
Build our own API	As another developer, I want to take the wonderful work that went into Seat Critique and use part of it in my project.	4, because APIs can be difficult	6