

# DiscoverSJSU

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# Abstract

- Means to providing information for incoming and/or current SJSU students about places near or within SJSU reviewed by our students and faculty members. It will allow users to sign in to either provide reviews about places around SJSU or discover those new places and view their ratings.



# Functional Requirements

- ▷ Account Log in/Sign up
- ▷ Search bar
- ▷ Explore option
- ▷ Clickable Category buttons

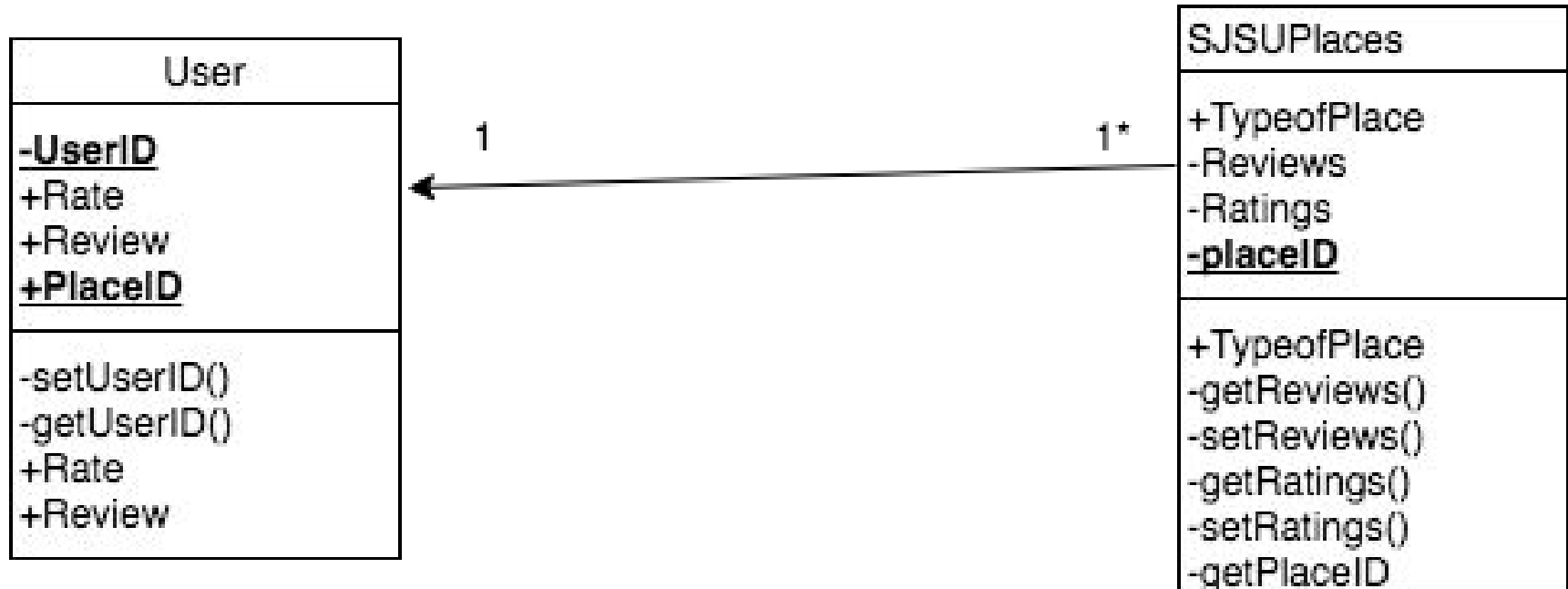


# Nonfunctional Requirements

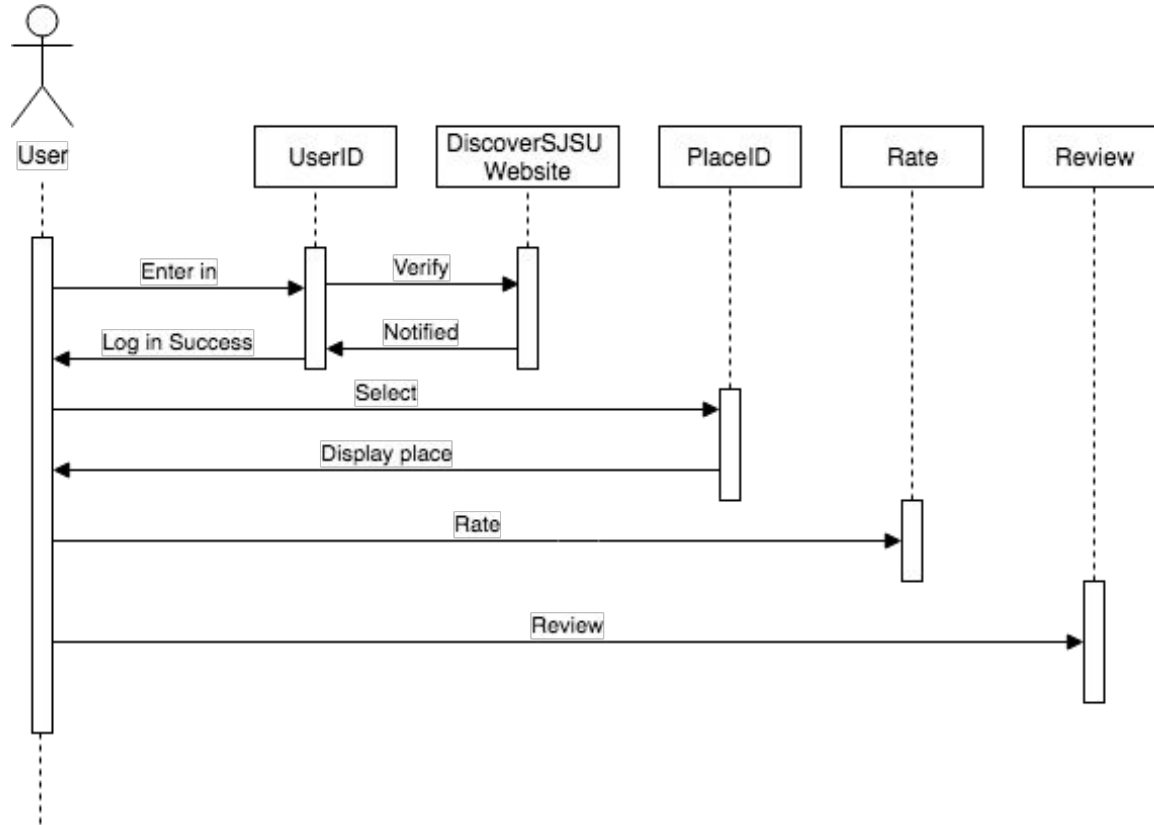
- ▷ Search responds promptly (within 5 seconds)
- ▷ Firebase API
- ▷ Google Maps API
- ▷ Frontend will be implemented in JavaScript/HTML
- ▷ Backend with Java
- ▷ Firebase keeps track of accounts



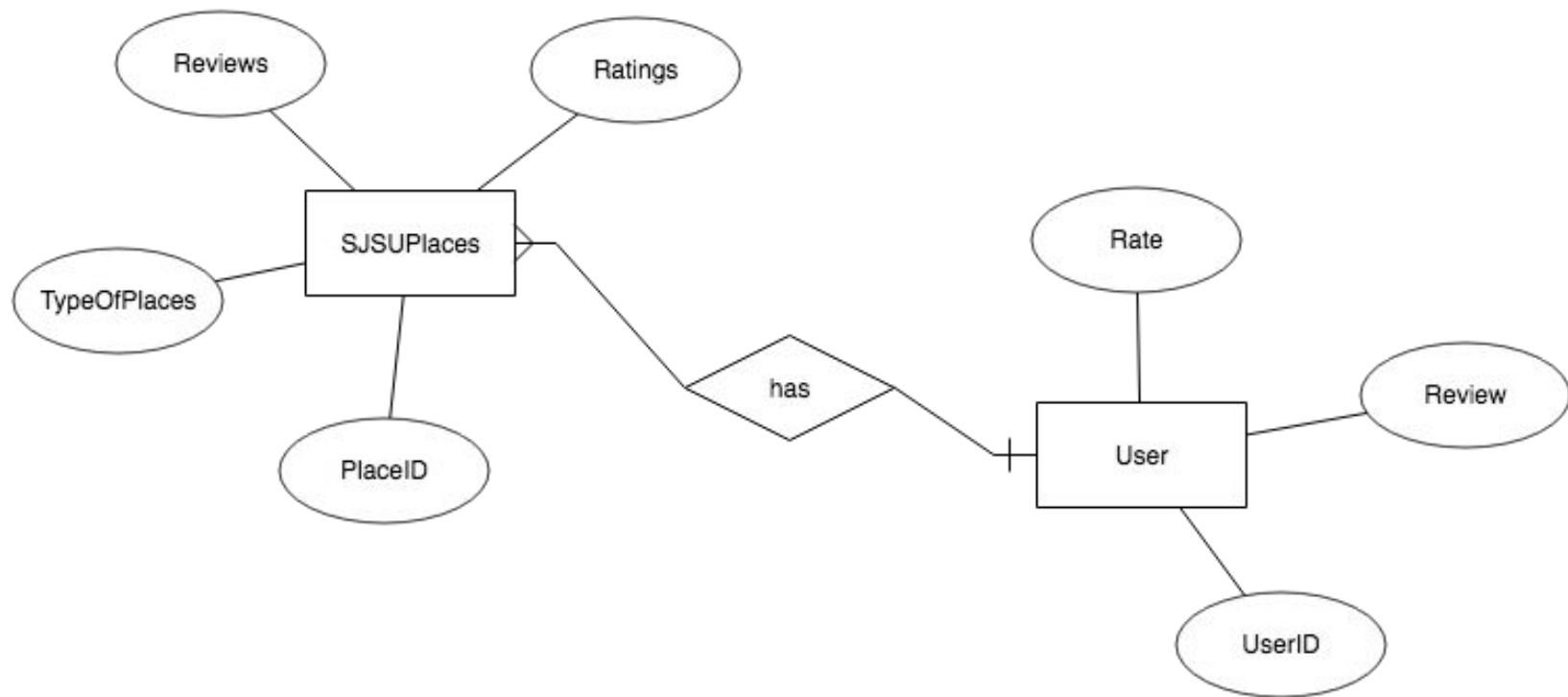
# Class Diagram



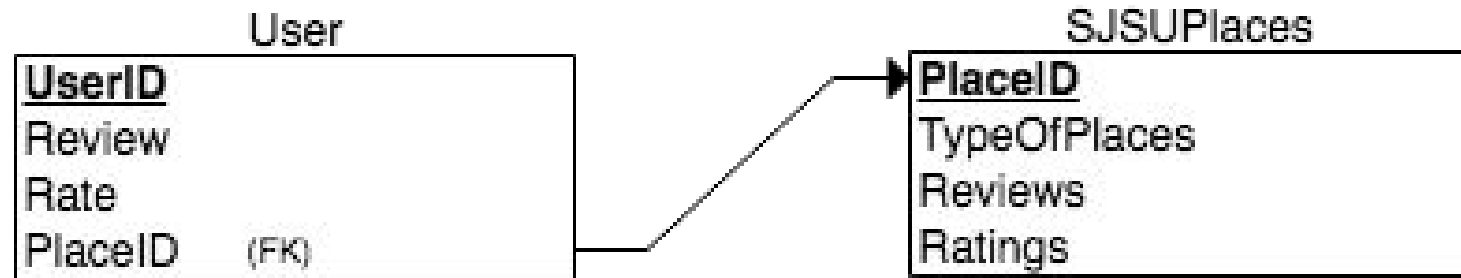
# Sequence Diagram



# ERD Diagram



# Relational Diagram





# Unit Testing

	Test cases	Actual output	Expected outcome	Result(P/NP?)
Home Search tab	Starbucks	Starbucks	Starbucks	P
	House of Bagels	House of Bagels	House of Bagels	P
	Yogurtland	Yogurtland	Yogurtland	P
	Subway	Subway	Subway	P
Login	ayeshakay786@gmail.co	ayeshakay786@gmail.com	ayeshakay786@gmail.com	P
	akay@gmail.com	akay@gmail.com	akay@gmail.com	P
Map API	Starbucks Directions	Starbucks address with google maps	Starbucks address with google maps	P
	SJSU Map	SJSU address with google maps	SJSU address with google maps	P
Clickable Categories	Starbucks	Starbucks	Starbucks	P
	House of Bagels	House of Bagels	House of Bagels	P