Location	N/A
	FoodLocation, StudyLocation
• Stores Reviews from Users and average rating • Stores area from Map • Accessed through Map by User • Stores hours of service	Map User Review

Entity	FoodLocation	Location
		N/A
• Stores food type • Stores dine-in/take-out • Stores price range	User Review	

Entity	StudyLocation	Location
		N/A
• Stores whether outdoors or indoors (indoor/outdoor interface?) • Stores whether quiet or loud • Stores rooms available (if applicable)	User Review	

User	N/A
	RegisteredUser, GuestUser
• Grants access to viewing information from Map • Grants access to searching Map	

Entity	RegisteredUser	User
		N/A
• Grants access to leave reviews • Grants access to view bookmarks • Stores a list of Review containing all reviews by this RegisteredUser • Stores a list of Locations bookmarked	Review Location	

Entity	GuestUser	User
		N/A
• Can search locations • Can view reviews		

Map	N/A
	FoodMap, StudyMap
• Abstract class that would have the general layout for FoodMap and StudyMap	Location

Entity	FoodMap	Map
		N/A
• Stores locations of where to find food	FoodLocation	

Entity	StudyMap	Map
		N/A
• Stores locations of where to study on campus	StudyLocation	

ABSTRACT CLASS

Use Case **AccountCreator**	N/A N/A
● Creates account if username *does not exist* by checking with AccountManager	AccountManager RegisteredUser

Use Case **AccountManager**	N/A N/A
● Stores a hashmap of registered users ● Looks up whether an account exists or not (by username)	RegisteredUser

Entity **Review**	N/A N/A
● Stores the rating (i.e., 5/5) ● Stores a comment ● Stores who left this Review	RegisteredUser

Use Case **ReviewManager**	N/A N/A
● Stores a hashmap of reviews	Review

ABSTRACT CLASS