Ethan Villalovoz, Ryan Aloof, Roy Zabetski, Bryan Frederickson, Nicholas Santos

Project Milestone 2   Sunday, January 29th, 2023

Team Name: Five Guys One Chair 🪑

Milestone 2 — Stakeholders and Scenario-Based Elements

Stakeholders:

- Developers:
  - As developers, we are attempting to create a subscription model for users to individually sign up to in order to access our app, therefore, we as developers have a stake in the success of this application.

- Client/Direct Feedback: Dr. Andrew O'Fallon
  - Dr. Andrew O'Fallon will act as the driving input for decision-making for this project. We will directly communicate with him to define and refine our requirements and the application's design.

- Customers
  - The students of Dr. Andrew O'Fallon will be the third-party users which the client will be given to complete their required tasks with the assistance of GPTask.
  - The concept for our project is that we are a company serving a task management app to users that individually subscribe, therefore, the users/customers of our app have stake in our project

  ● Draw.io is the UML tool used for producing the diagram below.

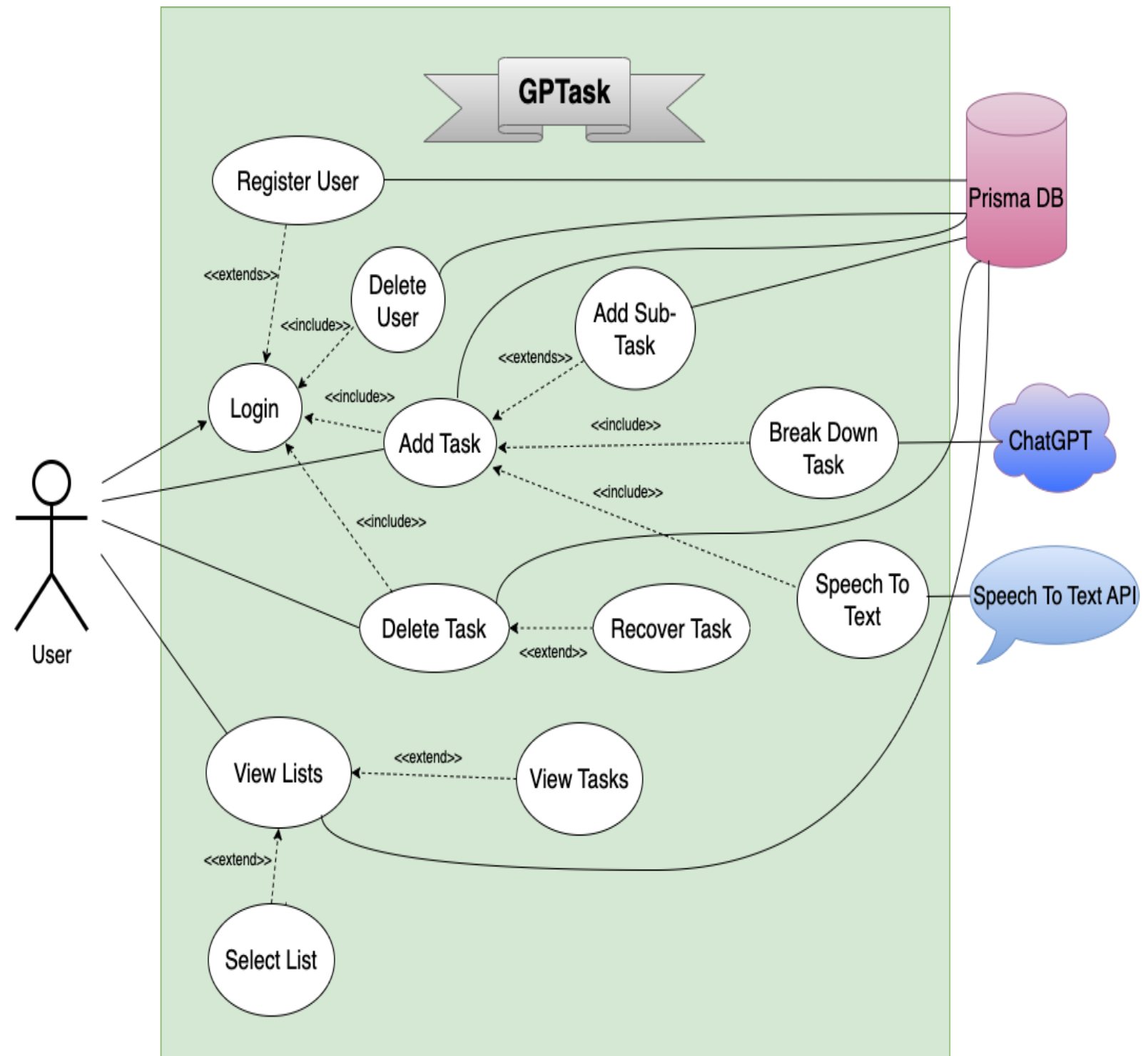Figure 1: Use case diagram for GPTask

Login

Actors:	User
Goal:	User accesses registered account
Preconditions:	User must already have registered account
Scenarios:	- Access main application
Exceptions:	Entered credentials don't match existing user

Register User

Actors:	User
Goal:	User registers user credentials to save tasks and data
Preconditions:	None
Scenarios:	- User wishes to access the main application
Exceptions:	Credentials already used

Delete User

Actors:	User
Goal:	Remove user account, data, and credentials from data base
Preconditions:	User must already have registered account
Scenarios:	- User wishes to delete account
Exceptions:	None (since user must have account to access this action)

Add Task

Actors:	User
Goal:	Adds a task to a selected list
Preconditions:	User has account and is logged in
Scenarios:	- Needs to add a task
Exceptions:	None

Delete Task

Actors	User
Goal:	Remove task from a selected list
Preconditions:	User has account and is logged in, user has selected list
Scenarios:	- Needs to remove a task
Exceptions:	Task was already deleted in database

Add Sub-Task

Actors:	User
Goal:	User adds a sub task that is respective to a particular task
Preconditions:	Respective umbrella task must exist
Scenarios:	- User wishes add simpler steps to task
Exceptions:	None

Break Down Task

Actors:	User
Goal:	Simplify a task
Preconditions:	User must already have a task created
Scenarios:	- User wishes to simplify a task into more manageable steps
Exceptions:	ChatGPT is down

Recover Task

Actors:	User
Goal:	Recover task user deleted
Preconditions:	A task has been deleted
Scenarios:	- User wishes to recover task they deleted
Exceptions:	None

Speech to Text

Actors:	User
Goal:	Convert user speech as input to text
Preconditions:	The user is creating a task
Scenarios:	- User wishes to create a task hands-free
Exceptions:	User has not enabled microphone permissions User has not connected microphone to device

View Lists

Actors:	User
Goal:	User is able to see the list of classes , tasks must be imported from DB
Preconditions:	User must already have a registered account
Scenarios:	- Need to view tasks to complete them
Exceptions:	No lists available

View Tasks

Actors:	User
Goal:	User is able to see the tasks that need to be completed
Preconditions:	User must be able to see the list of classes, before the tasks from DB
Scenarios:	- User wants to find out what tasks need to be completed
Exceptions:	No tasks available

Select List

Actors:	User
Goal:	User is able to select the list that contains the tasks that must be completed
Preconditions:	User must have tasks and class list imported from DB
Scenarios:	- User wants to complete a task, so they must view the list of classes, which contain the tasks
Exceptions:	No lists available