Milestone 3

Group 13 -

Brayden Lingelbach

Nelig Fernando

Krish Patel

Noah Zhou

Cole Robert Bryant

Product Backlog

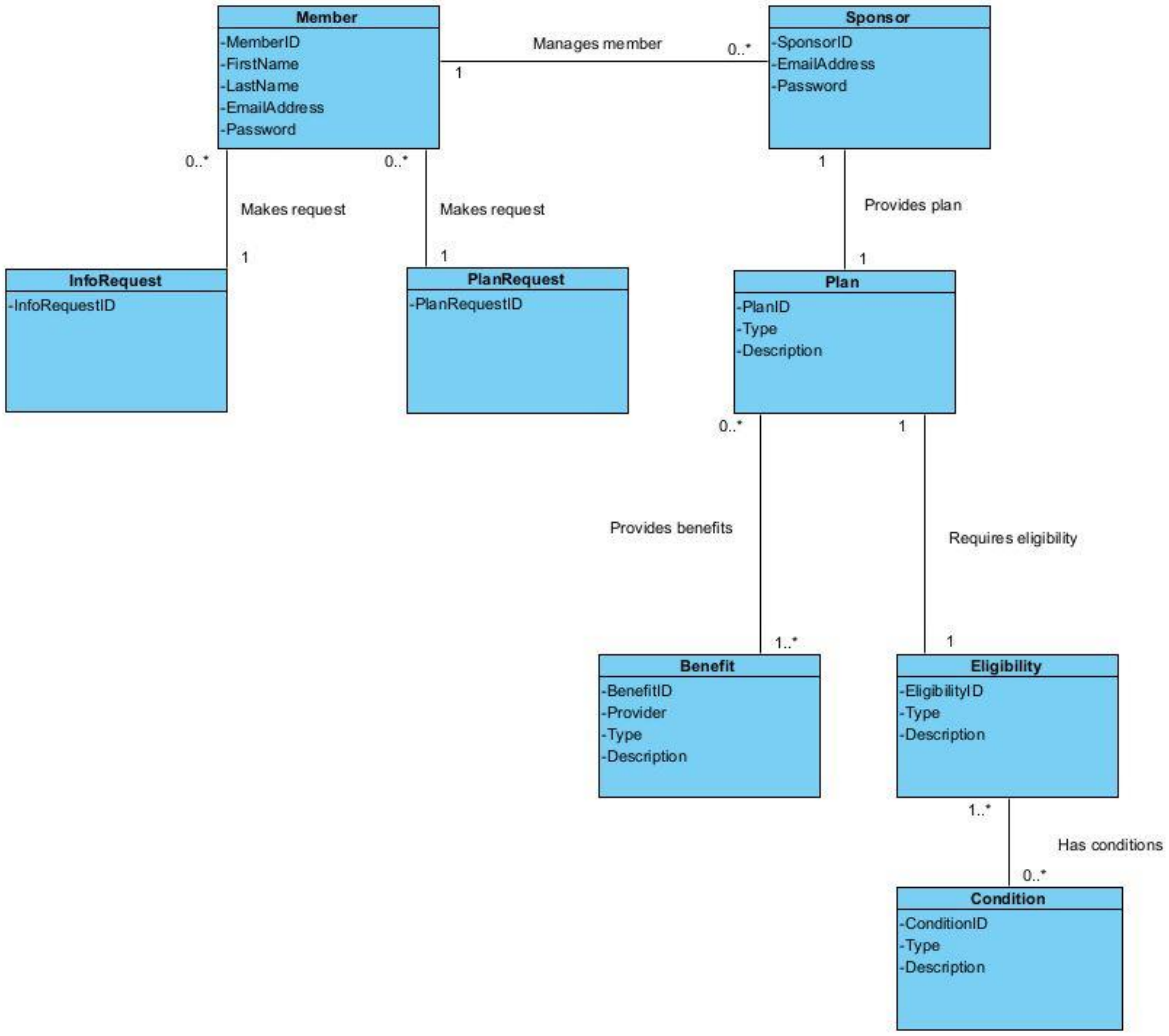
Order	ID	Item	Type	Status	Estimate
1	The members should be able to access benefits from sponsors.				
	111	As an applicant, I want to create an account so that I can apply for DGA membership so I may receive benefits.	Functional	Done	3
	112	As a member of the DGA, I want to access my current benefits package so that I may know what I am entitled to as a member.	Functional	Done	3
113,	113	As a member of the DGA, I want to be able to request new benefits from my sponsor so I may reserve the right to request benefits.	Functional	Done	5
	114	As a member, I want to be able to transfer my benefits from one sponsor to another, so they remain when I am required to change companies.	Functional	Not Started	8
	115	As a member, I want to be able to delete my account from the database, so I may choose to join another organization.	Functional	Done	2
2	The sponsor should be able to recruit and manage members.				
	121	As a sponsor, I want to create an account so we may begin to manage the benefits of our members.	Functional	Done	3

	122	As a sponsor of the DGA, I want to view a list of my current members within my company so that I may view/manage these members.	Functional	Done	2
	123	As a sponsor, I want to be able to recruit members within the DGA who have not been assigned a sponsor so we can expand our company.	Functional	Not Started	5
	124	As a sponsor, I want the ability to remove members from our sponsorship in necessary instances so that we may have control.	Functional	Done	2
3	Users should be able to access profile information including their email, username, phone number, and other user specific data.				
	131	As a user of the software, I would like to be able to quickly pull up profile information the system has stored on me.	Accessibility	Done	5
	132	As a user I would like to be able to send my profile information to the production company.	Accessibility	Done	2
	133	As a user I would like to be able to request my information sent to other sponsors, and users.	Functional	Done	2

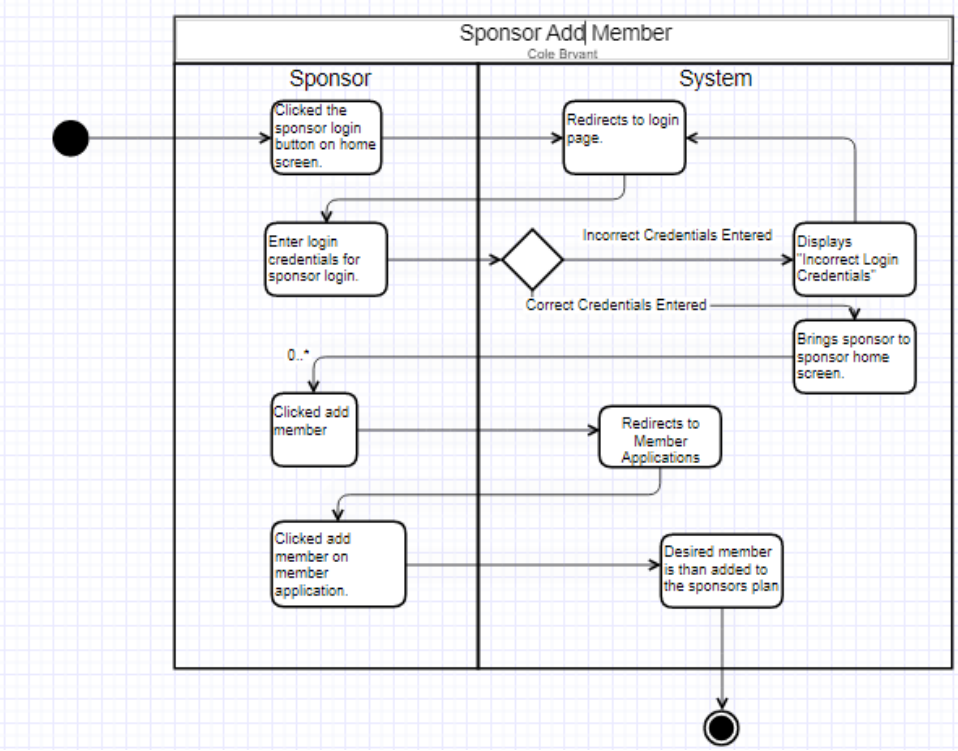
4	A user should have easy access to help within the system such as customer support, and support forums.				
	141	As a user of the system, I would like customer support so I may receive help with my account if necessary.	Accessibility	Not Started	3
	142	As a user I would like to be able to easily communicate with other users about issues that I'm having within the system.	Accessibility	Not Started	5
5	Sponsors should be able to manage the benefits of their members.				
	151	As a sponsor, I want to be able to add benefits to our list of members so they may receive their benefits.	Functional	Done	3
	152	As a sponsor, I want to be able to remove benefits from members in the necessary instances where those plans aren't feasible.	Functional	Done	3
	153	As a sponsor, I want to have the ability to respond to requests for new plans so my members can remain satisfied with their sponsorship.	Functional	Not Started	5
6	The system's web interface should be readable and accessible to all users.				
	161	As a user of the system, I want the website to have a readable UI, that way I can use the website more easily.	Accessibility	Not Started	5

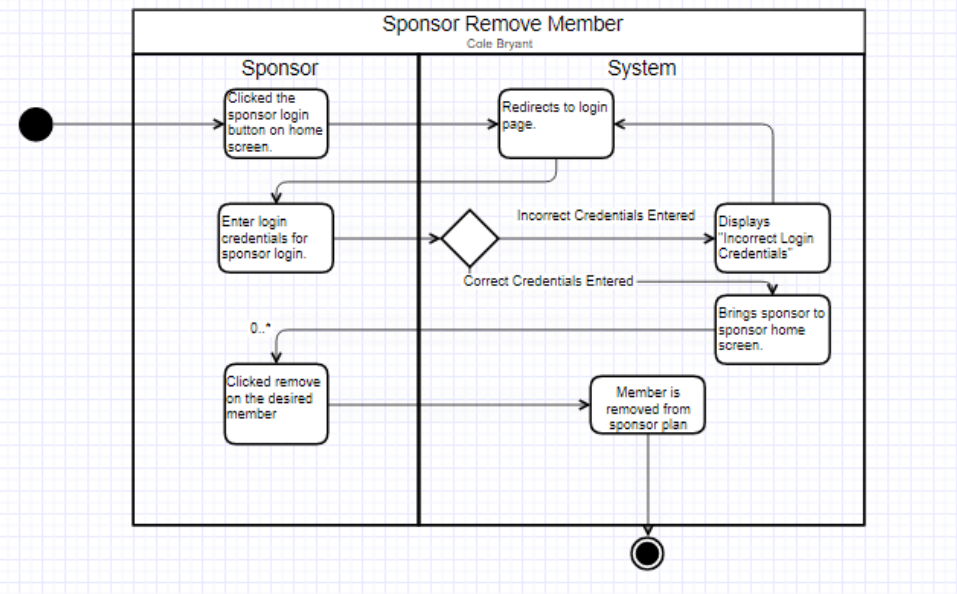
	162	As a user I would want quick response times from the system per my request	Performance	Not Started	3
	163	As a sponsor, I want an intuitive management UI so that I can easily manage a large quantity of members.	Accessibility	Not Started<<	8

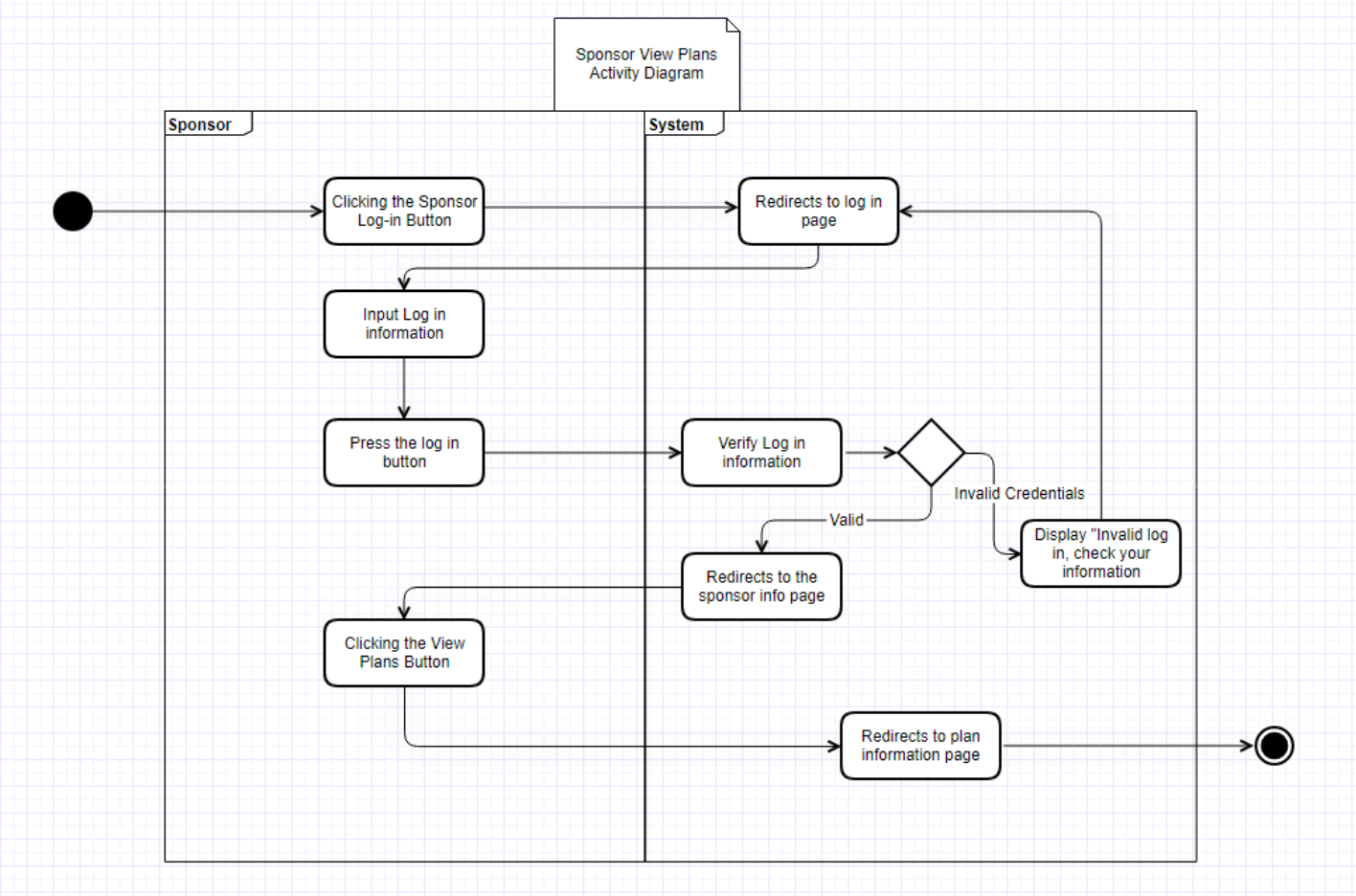
Class Diagram

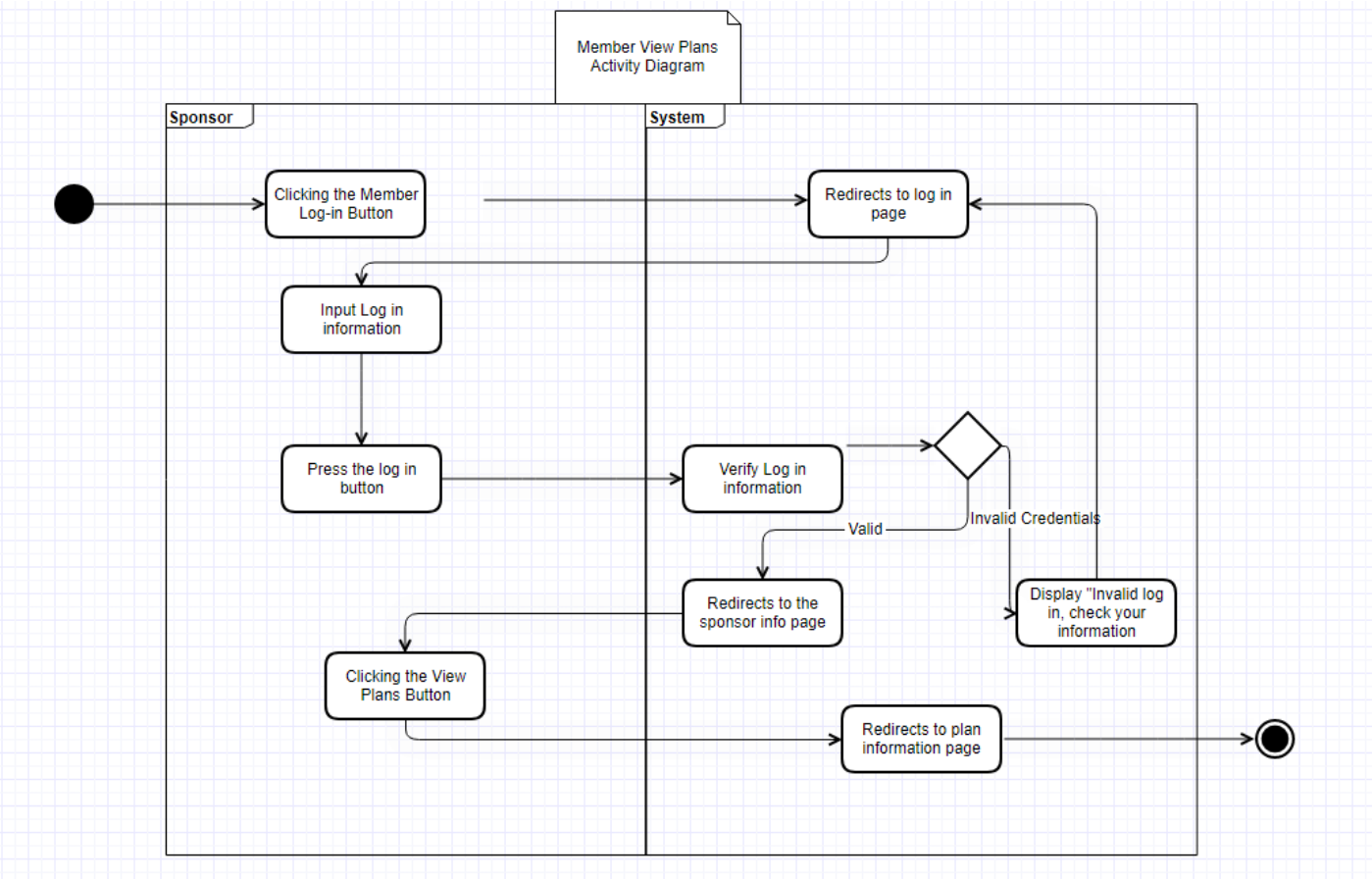


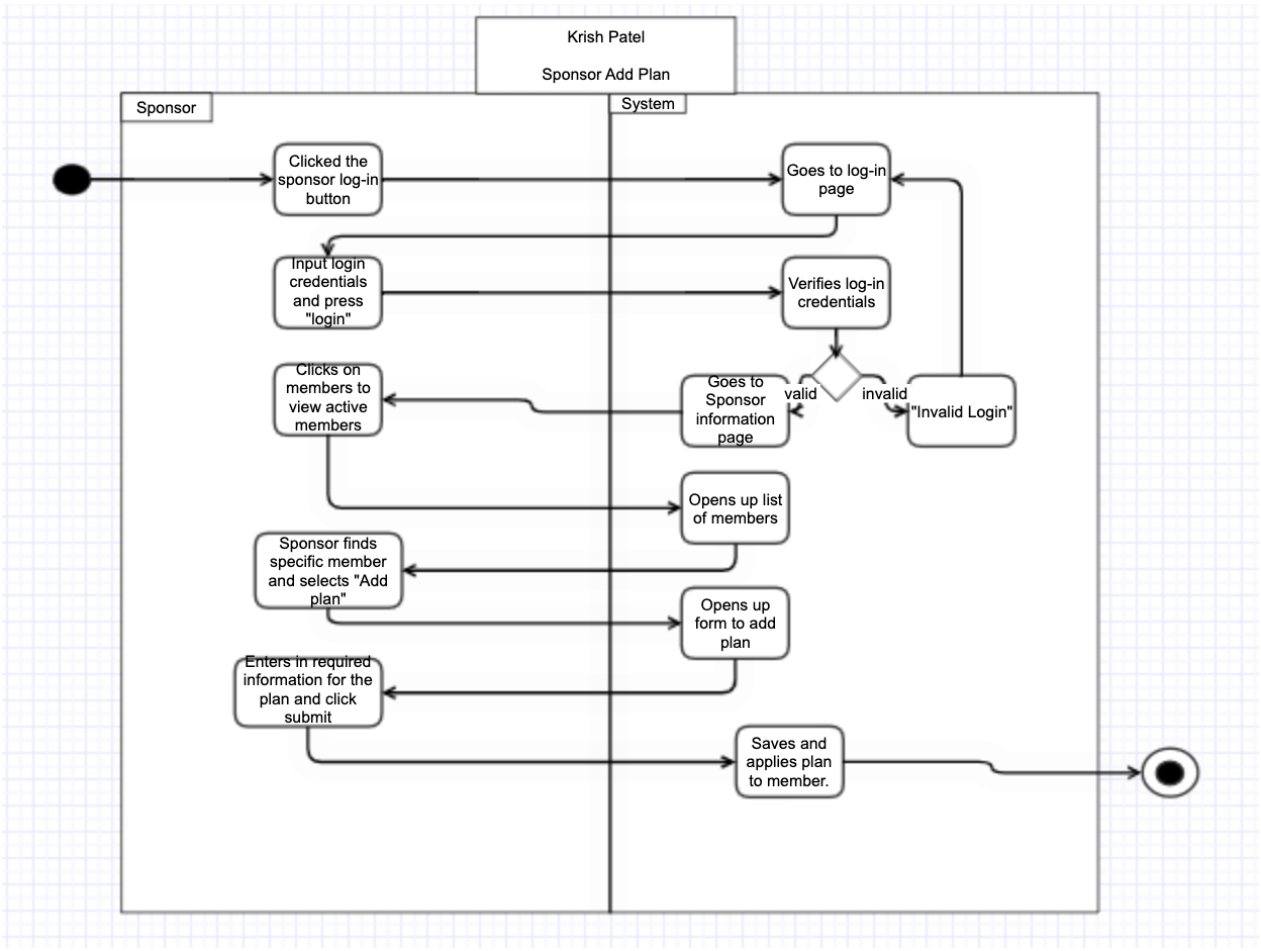
Activity Diagrams

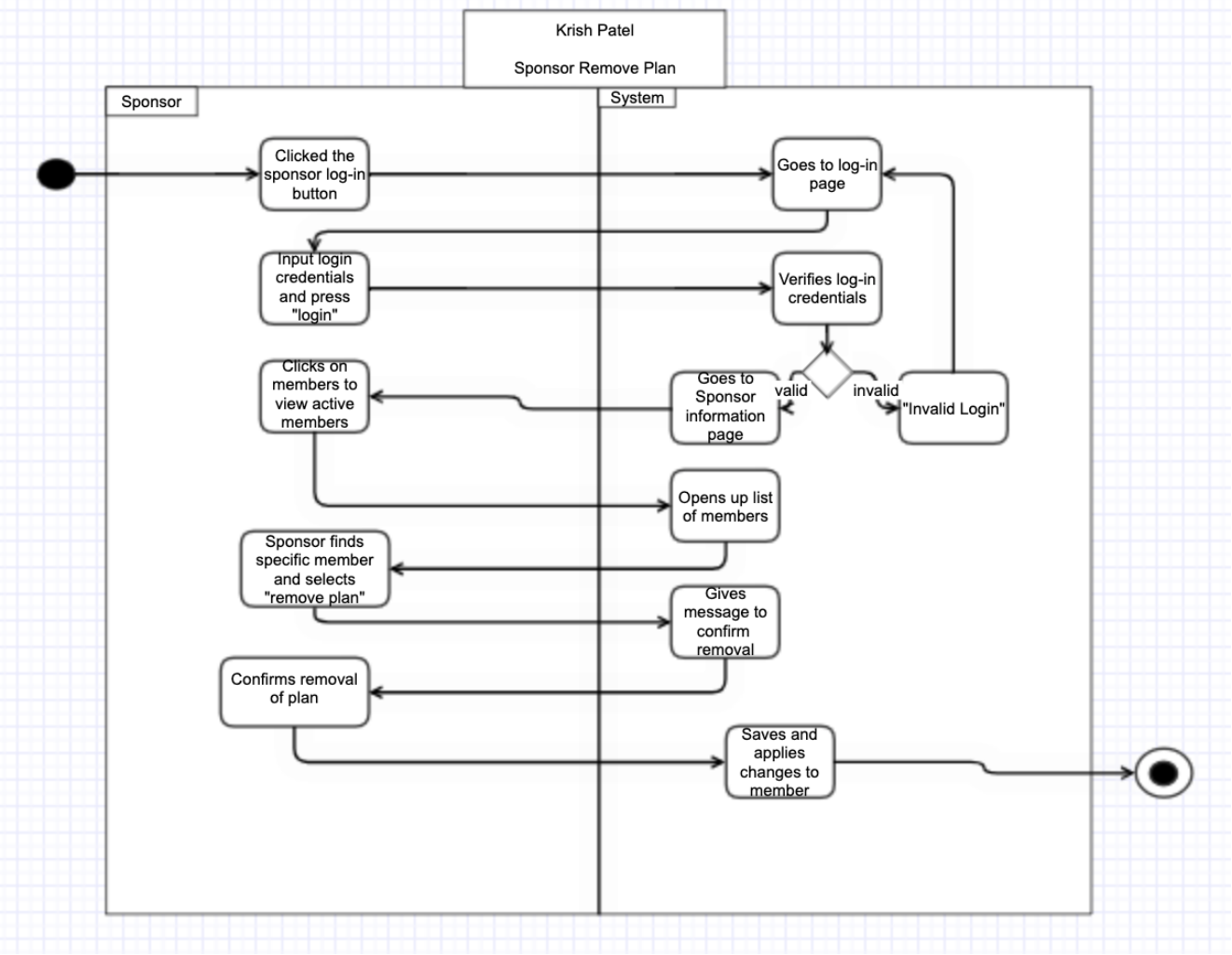

Sponsor Add Member
Cole Bryant
Sponsor
System
Clicked the sponsor login button on home screen.
Redirects to login page.
Enter login credentials for sponsor login.
Incorrect Credentials Entered
Displays "Incorrect Login Credentials"
Correct Credentials Entered
Brings sponsor to sponsor home screen.
0..*
Clicked add member
Redirects to Member Applications
Clicked add member on member application.
Desired member is than added to the sponsors plan

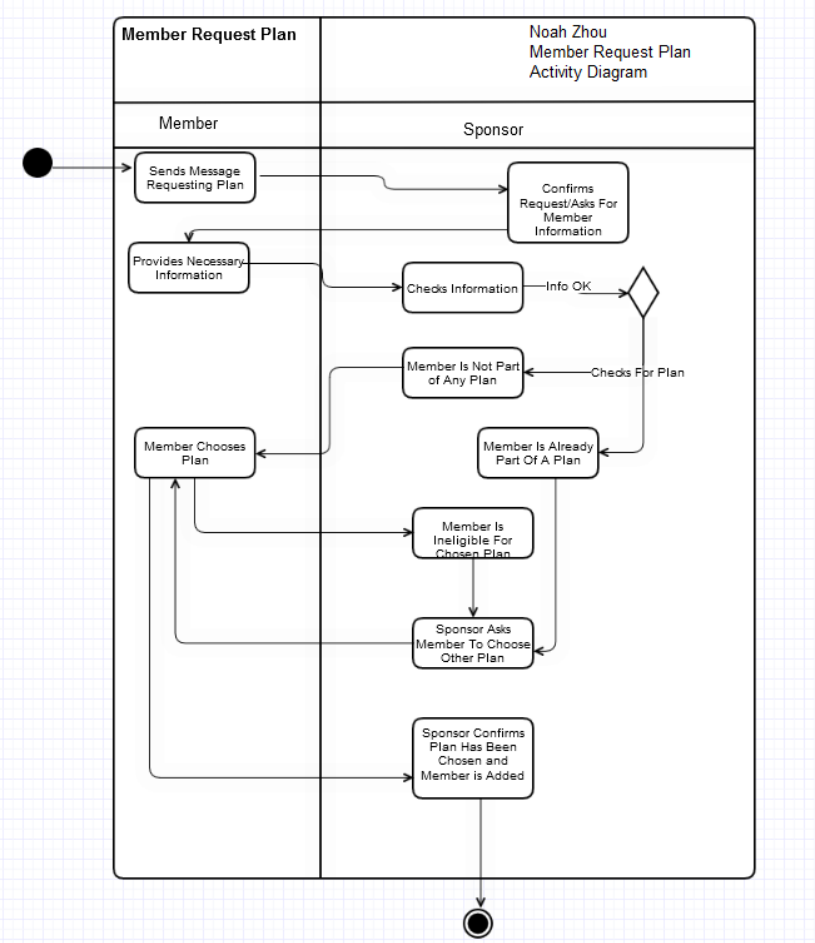

Sponsor Remove Member
Cole Bryant
Sponsor
System
Clicked the sponsor login button on home screen.
Redirects to login page.
Enter login credentials for sponsor login.
Incorrect Credentials Entered
Displays "Incorrect Login Credentials"
Correct Credentials Entered
Brings sponsor to sponsor home screen.
0..*
Clicked remove on the desired member
Member is removed from sponsor plan

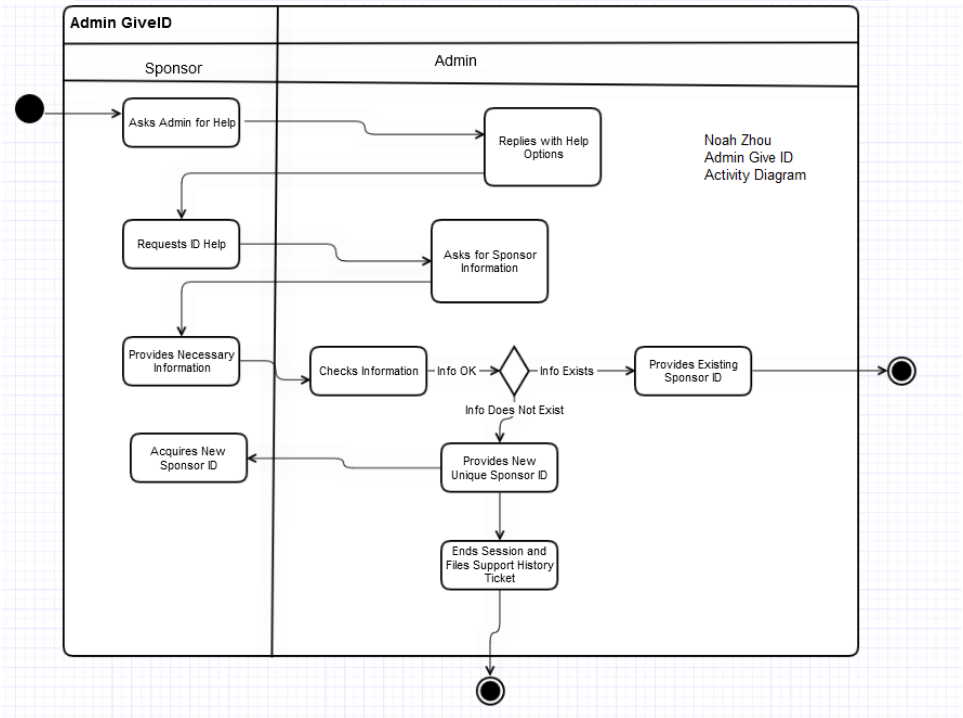

Sponsor View Plans Activity Diagram
Sponsor
System
Clicking the Sponsor Log-in Button
Redirects to log in page
Input Log in information
Press the log in button
Verify Log in information
Invalid Credentials
Valid
Display "Invalid log in, check your information
Redirects to the sponsor info page
Clicking the View Plans Button
Redirects to plan information page


Member View Plans Activity Diagram
Sponsor
System
Clicking the Member Log-in Button
Redirects to log in page
Input Log in information
Press the log in button
Verify Log in information
Valid
Invalid Credentials
Redirects to the sponsor info page
Display "Invalid log in, check your information
Clicking the View Plans Button
Redirects to plan information page

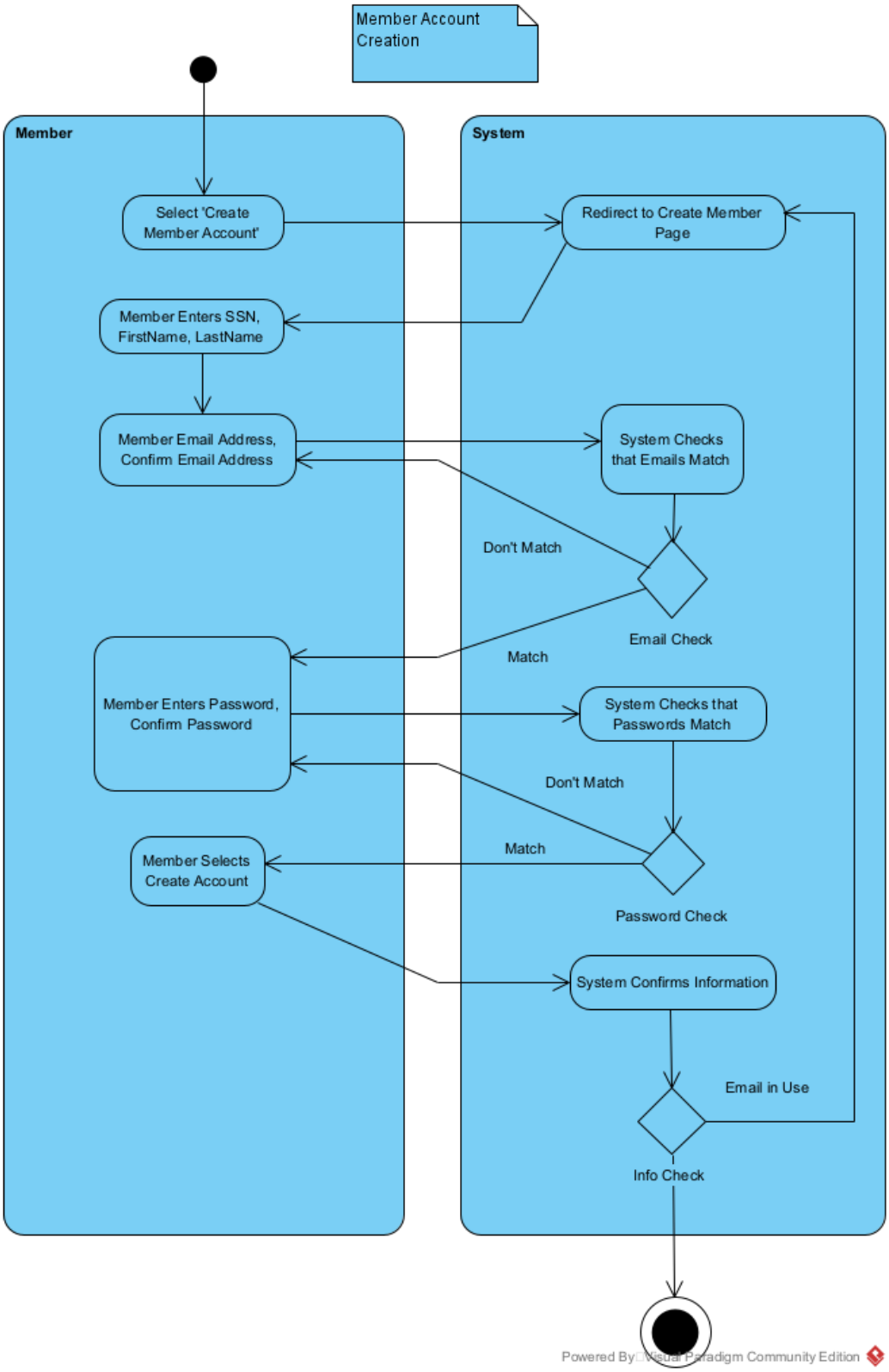

Krish Patel
Sponsor Add Plan
Sponsor
System
Clicked the sponsor log-in button
Goes to log-in page
Input login credentials and press "login"
Verifies log-in credentials
Clicks on members to view active members
Goes to Sponsor information page
valid
invalid
"Invalid Login"
Opens up list of members
Sponsor finds specific member and selects "Add plan"
Opens up form to add plan
Enters in required information for the plan and click submit
Saves and applies plan to member.

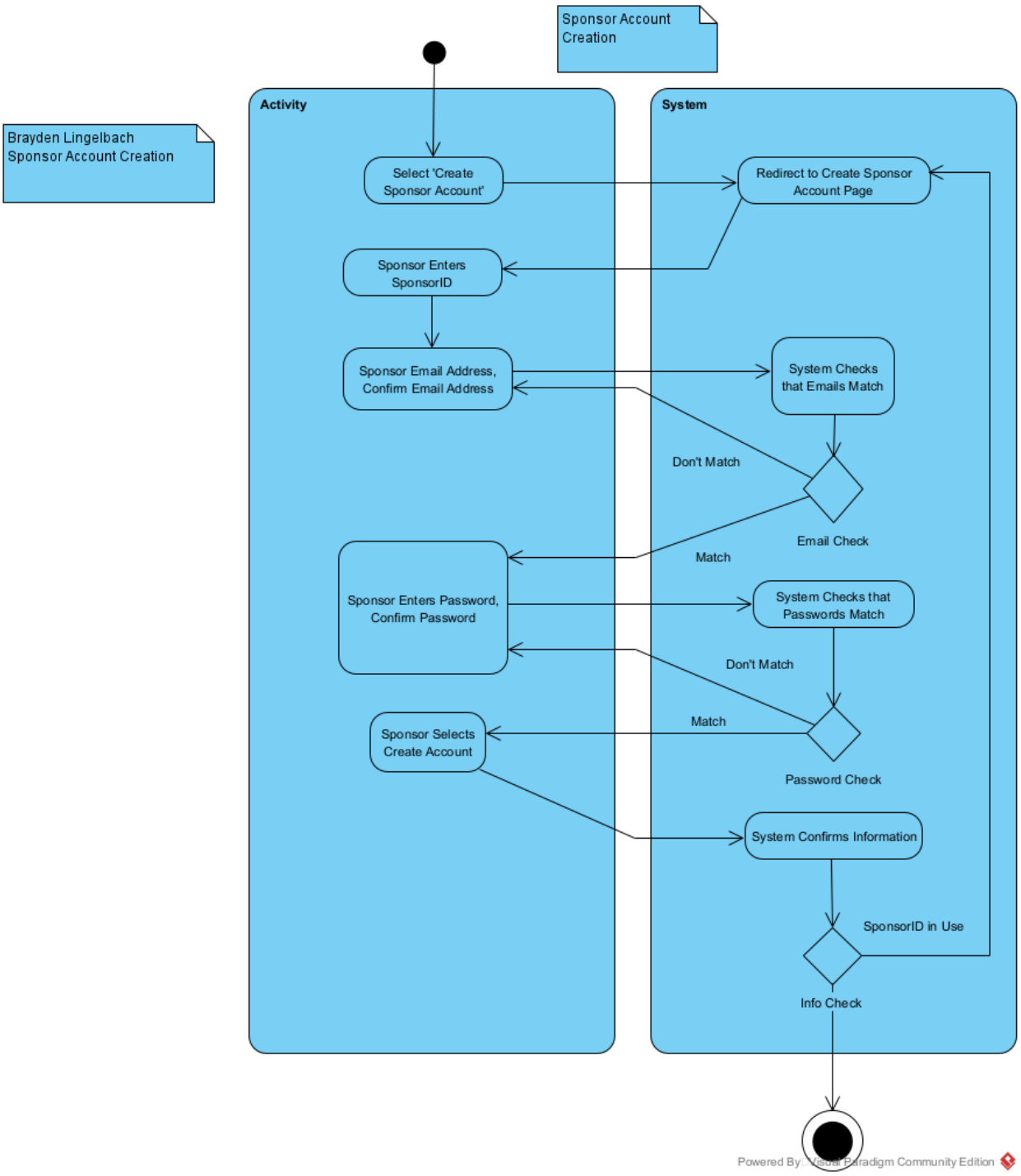

Krish Patel
Sponsor Remove Plan
Sponsor
System
Clicked the sponsor log-in button
Goes to log-in page
Input login credentials and press "login"
Verifies log-in credentials
Clicks on members to view active members
Goes to Sponsor information page
valid
invalid
"Invalid Login"
Opens up list of members
Sponsor finds specific member and selects "remove plan"
Gives message to confirm removal
Confirms removal of plan
Saves and applies changes to member


Member Request Plan
Noah Zhou
Member Request Plan
Activity Diagram
Member
Sponsor
Sends Message Requesting Plan
Confirms Request/Asks For Member Information
Provides Necessary Information
Checks Information
Info OK
Member Is Not Part of Any Plan
Checks For Plan
Member Chooses Plan
Member Is Already Part Of A Plan
Member Is Ineligible For Chosen Plan
Sponsor Asks Member To Choose Other Plan
Sponsor Confirms Plan Has Been Chosen and Member is Added

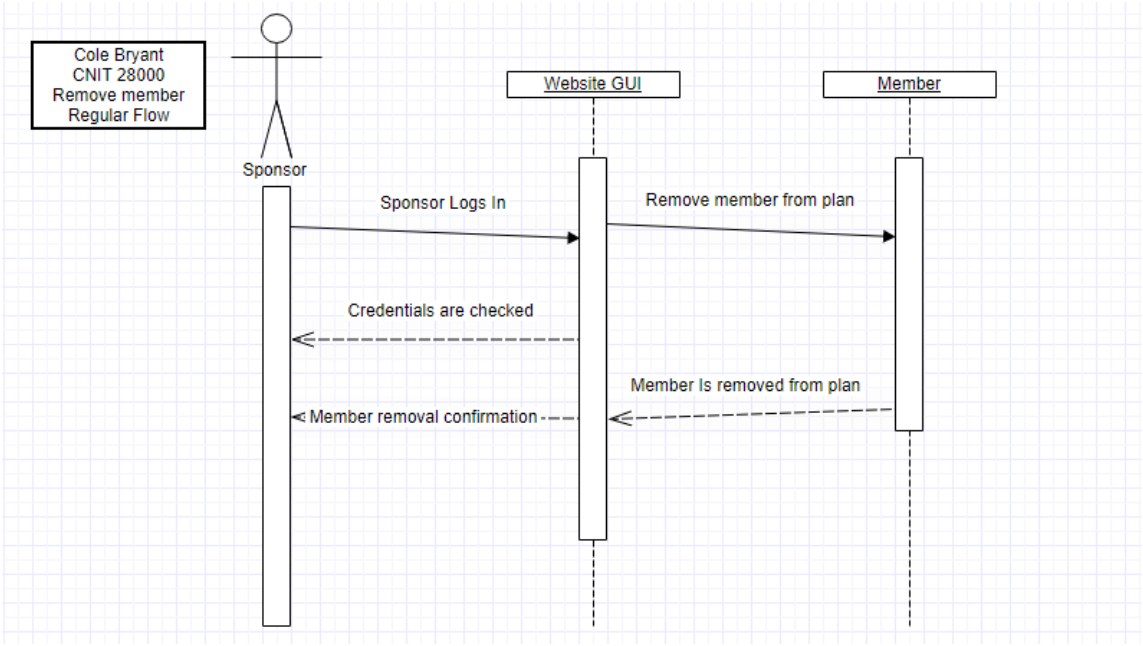

Admin GiveID
Sponsor
Admin
Asks Admin for Help
Replies with Help Options
Noah Zhou
Admin Give ID
Activity Diagram
Requests ID Help
Asks for Sponsor Information
Provides Necessary Information
Checks Information
Info OK
Info Exists
Provides Existing Sponsor ID
Info Does Not Exist
Acquires New Sponsor ID
Provides New Unique Sponsor ID
Ends Session and Files Support History Ticket

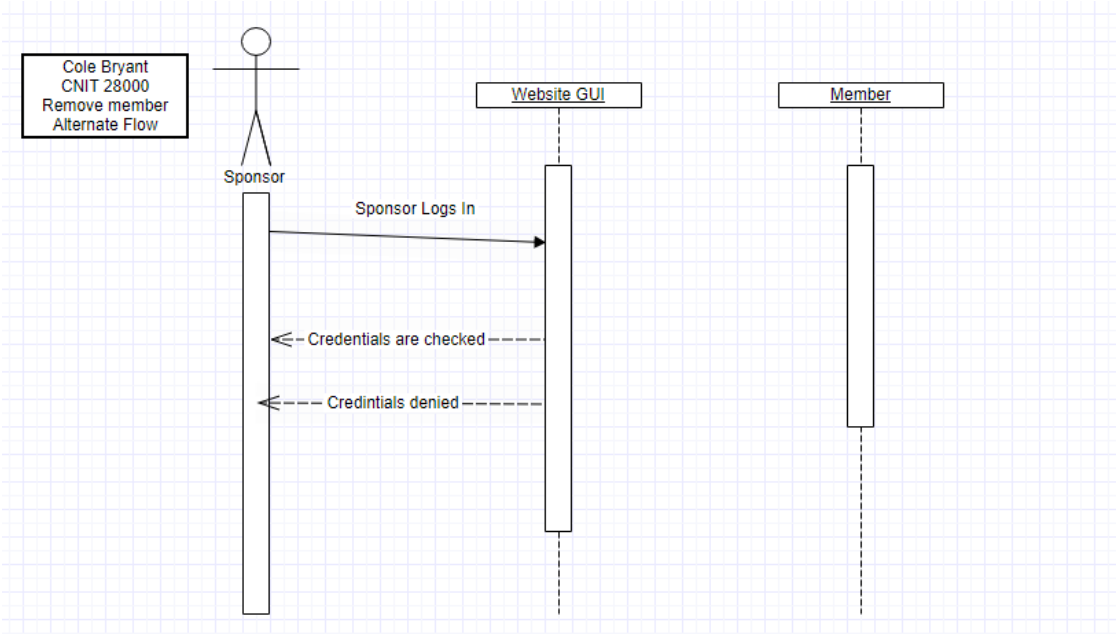
Brayden Lingelbach -

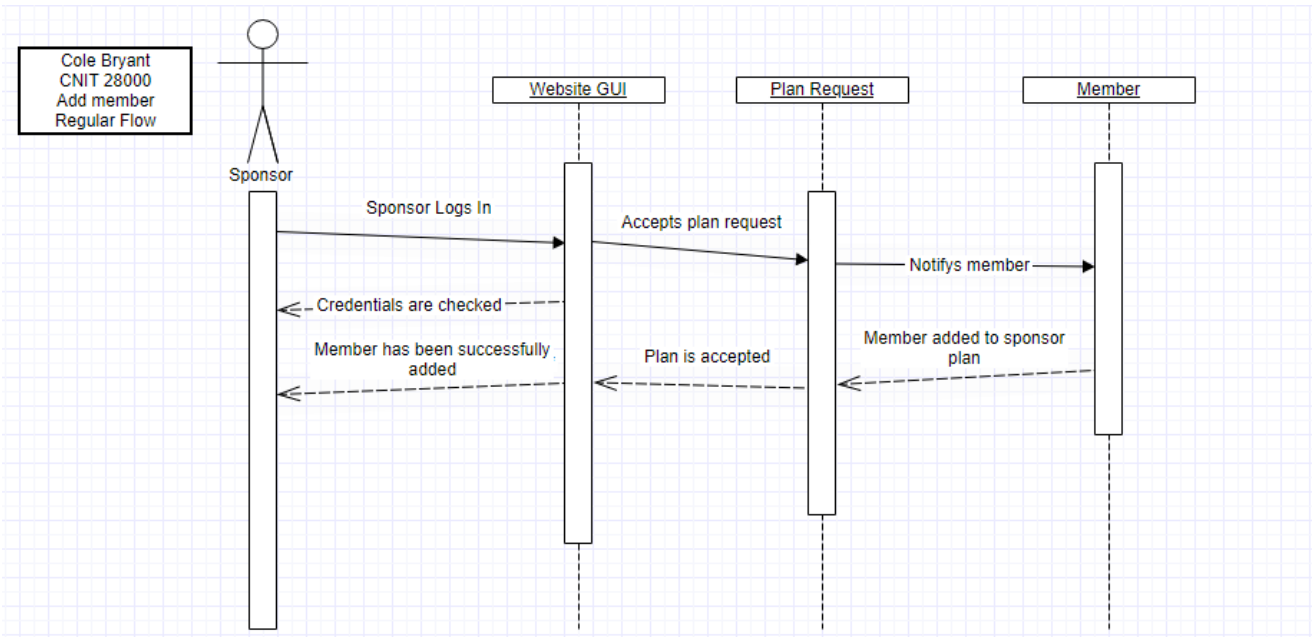


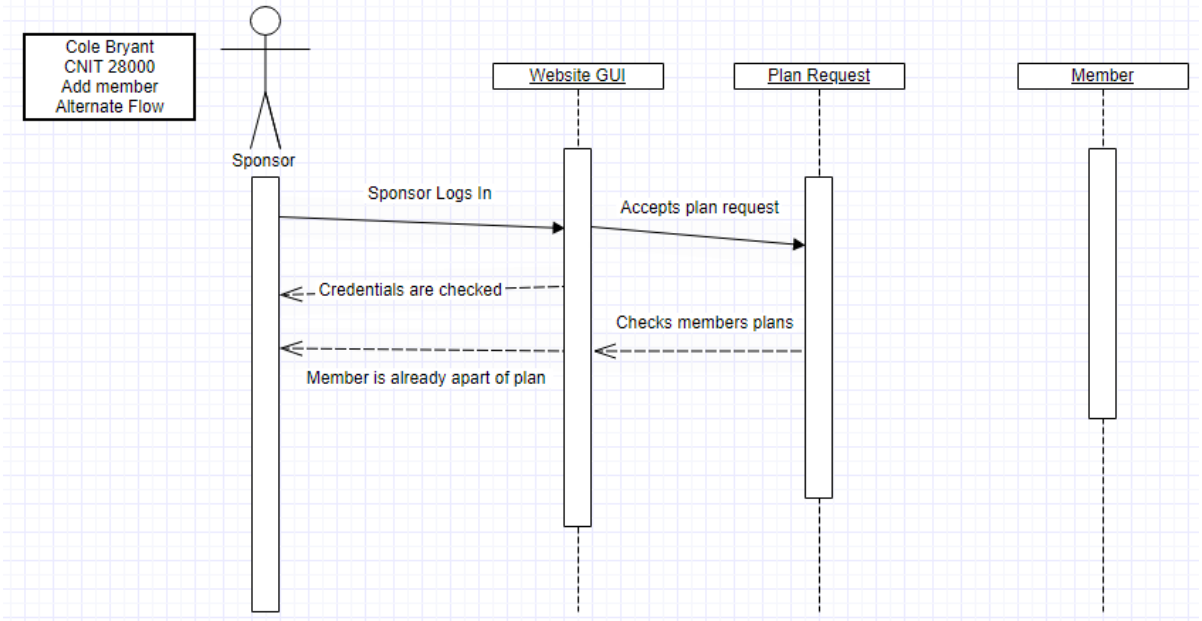


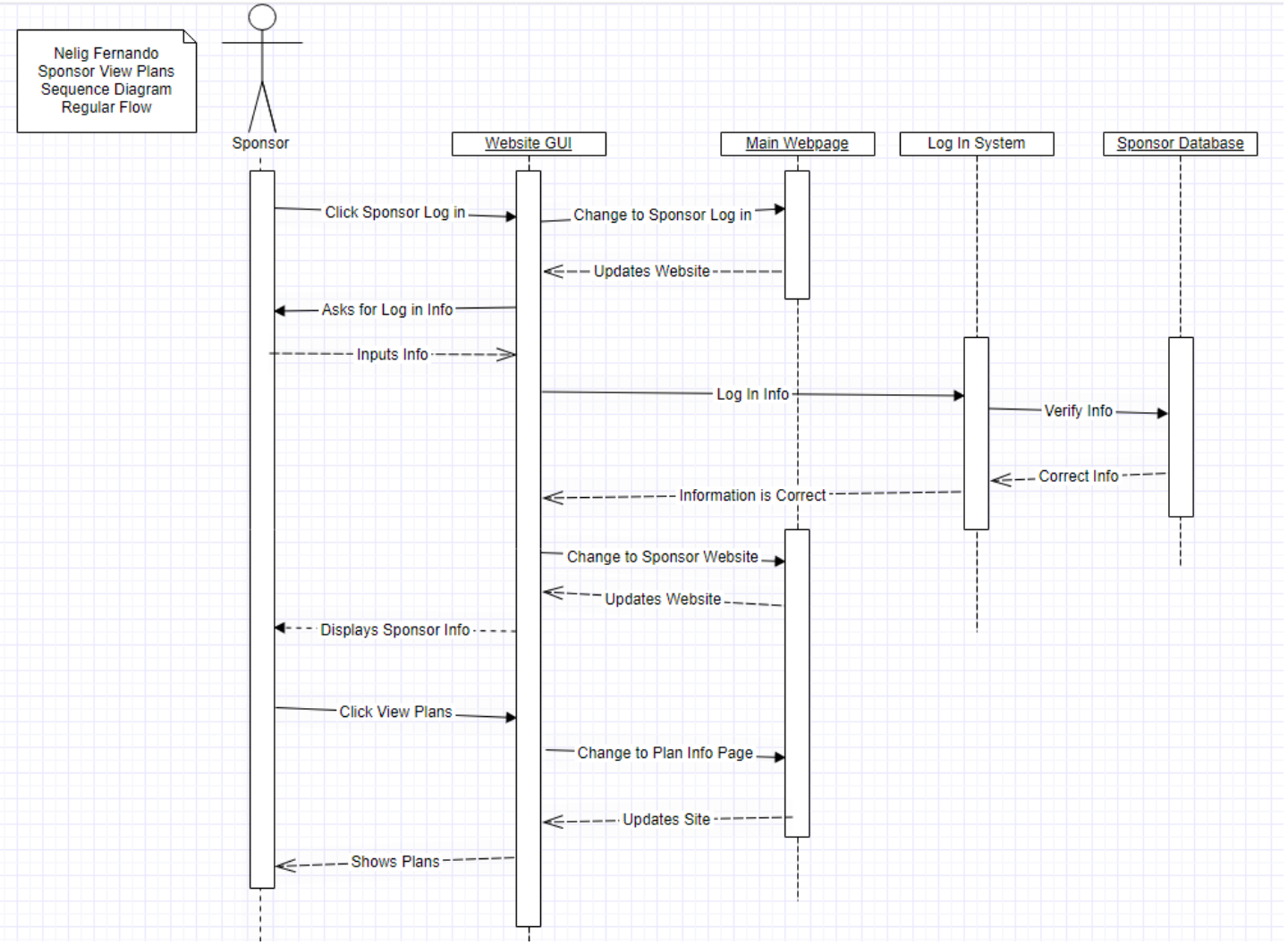
Sequence Diagram

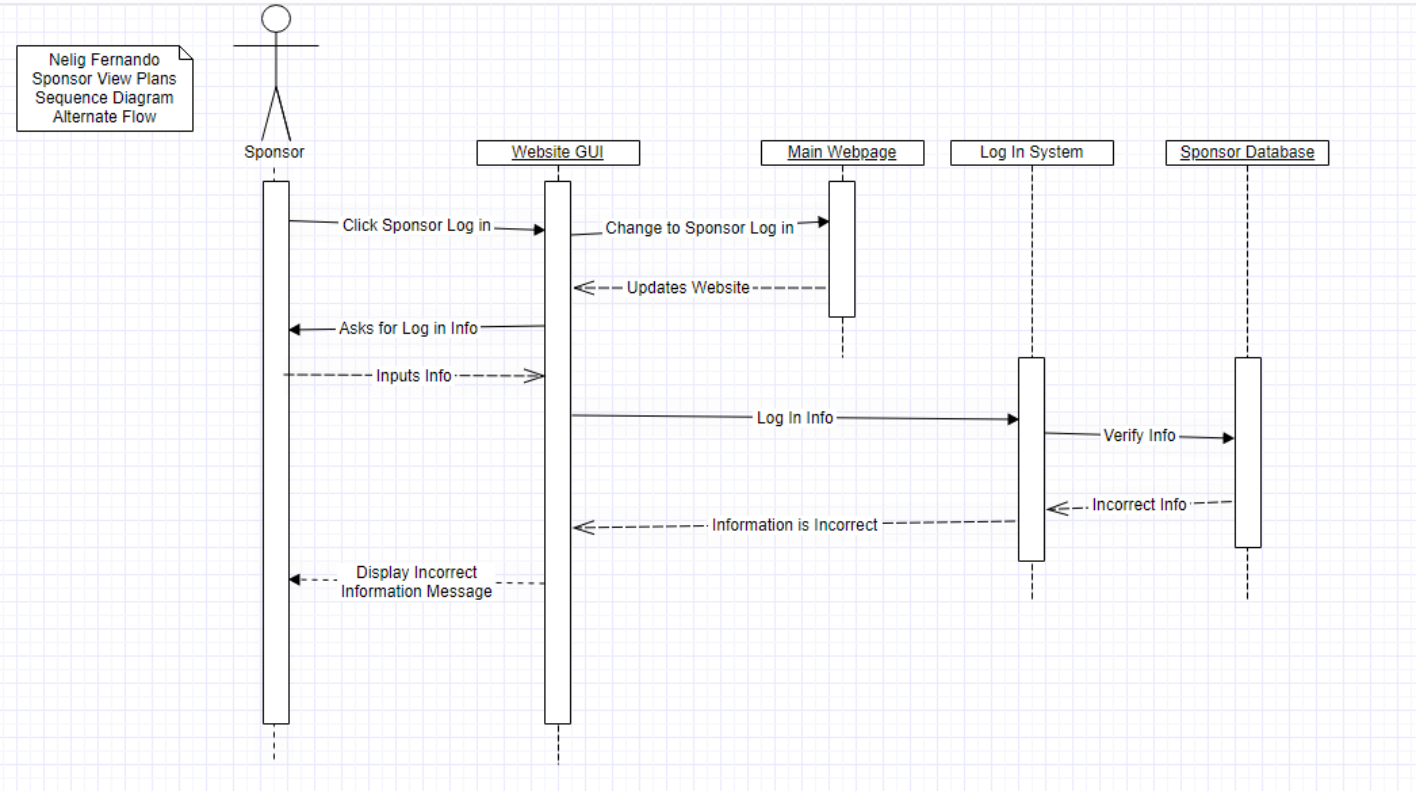

Cole Bryant
CNIT 28000
Remove member
Regular Flow
Sponsor
Website GUI
Member
Sponsor Logs In
Remove member from plan
Credentials are checked
Member Is removed from plan
Member removal confirmation

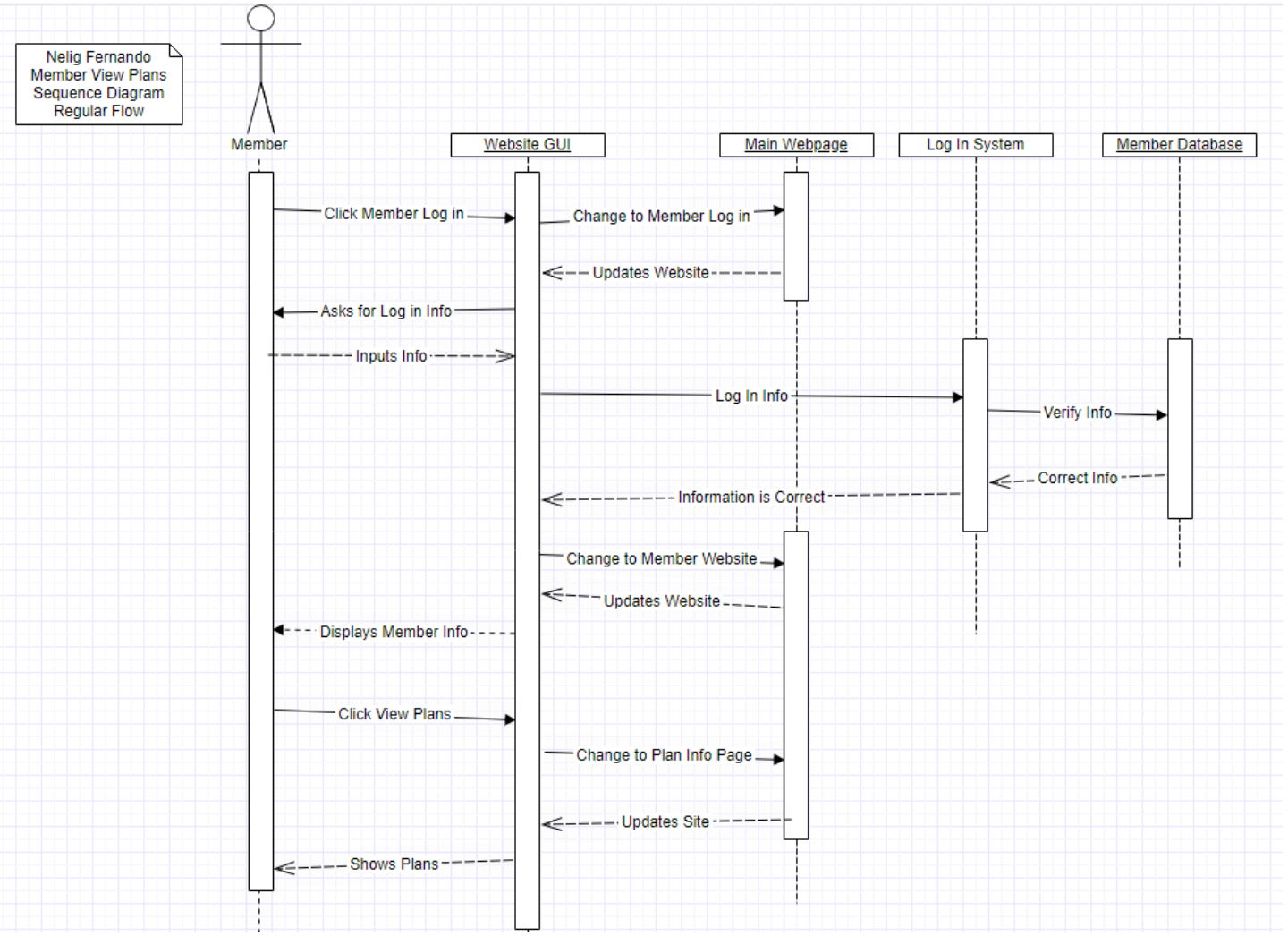

Cole Bryant
CNIT 28000
Remove member
Alternate Flow
Sponsor
Website GUI
Member
Sponsor Logs In
Credentials are checked
Credintials denied

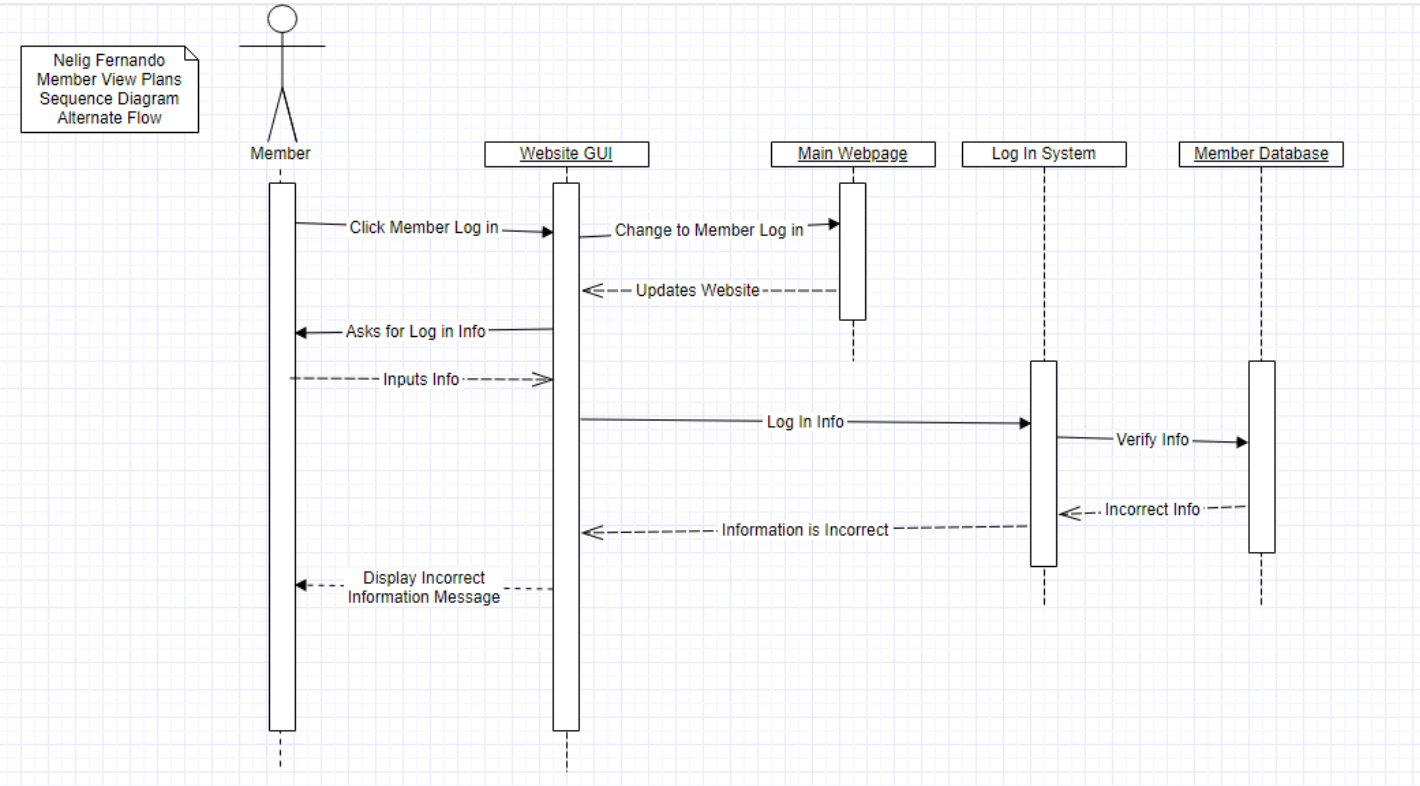

Cole Bryant
CNIT 28000
Add member
Regular Flow
Sponsor
Website GUI
Plan Request
Member
Sponsor Logs In
Accepts plan request
Notifys member
Credentials are checked
Member has been successfully added
Plan is accepted
Member added to sponsor plan

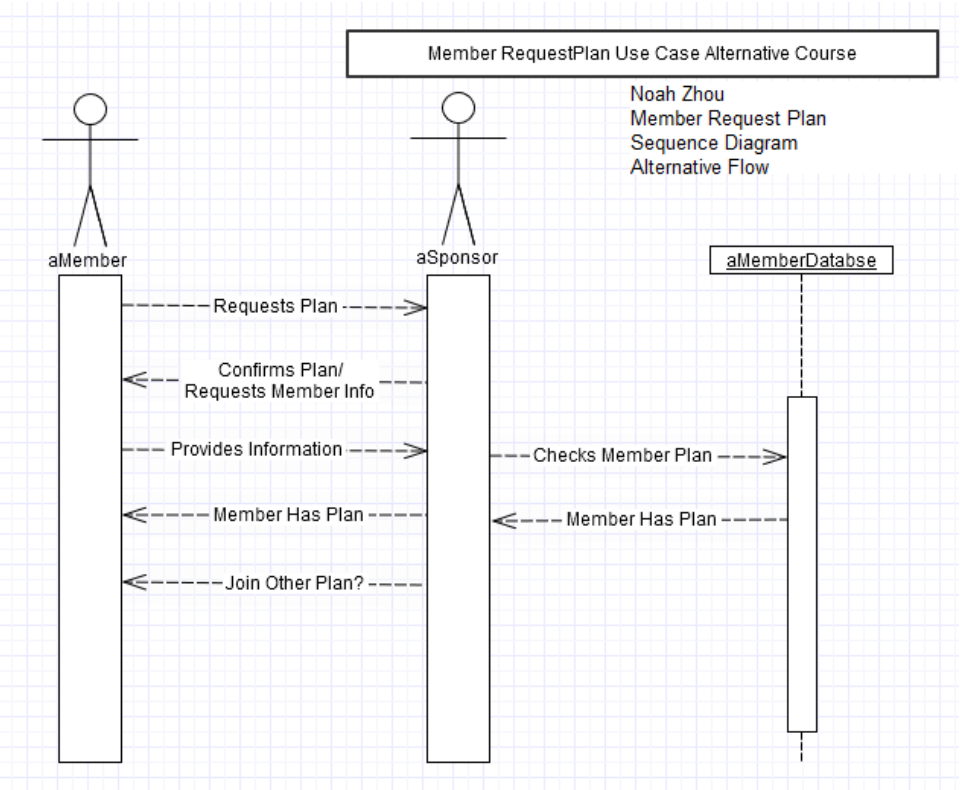

Cole Bryant
CNIT 28000
Add member
Alternate Flow
Sponsor
Website GUI
Plan Request
Member
Sponsor Logs In
Accepts plan request
Credentials are checked
Checks members plans
Member is already apart of plan

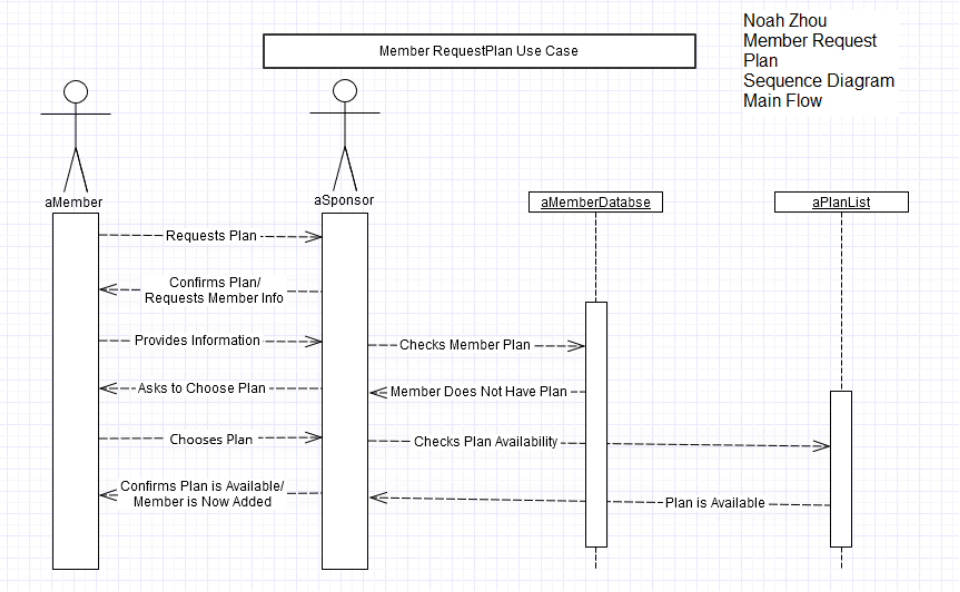

Nelig Fernando
Sponsor View Plans
Sequence Diagram
Regular Flow
Sponsor
Website GUI
Main Webpage
Log In System
Sponsor Database
Click Sponsor Log in
Change to Sponsor Log in
Updates Website
Asks for Log in Info
Inputs Info
Log In Info
Verify Info
Correct Info
Information is Correct
Change to Sponsor Website
Updates Website
Displays Sponsor Info
Click View Plans
Change to Plan Info Page
Updates Site
Shows Plans

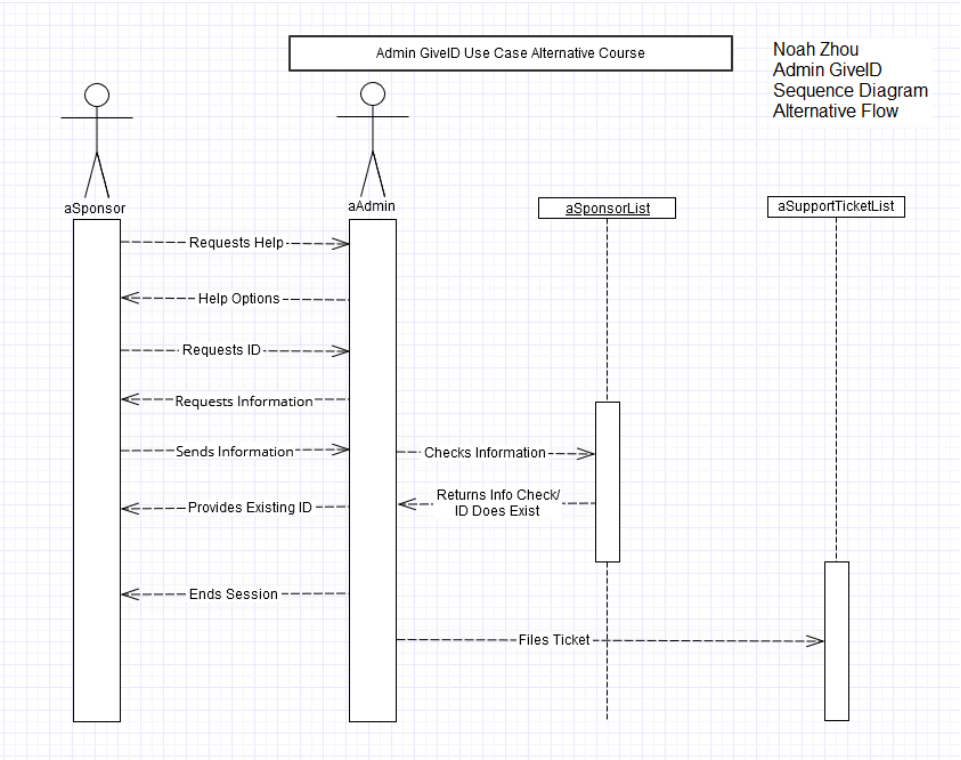

Nelig Fernando
Sponsor View Plans
Sequence Diagram
Alternate Flow
Sponsor
Website GUI
Main Webpage
Log In System
Sponsor Database
Click Sponsor Log in
Change to Sponsor Log in
Updates Website
Asks for Log in Info
Inputs Info
Log In Info
Verify Info
Incorrect Info
Information is Incorrect
Display Incorrect
Information Message

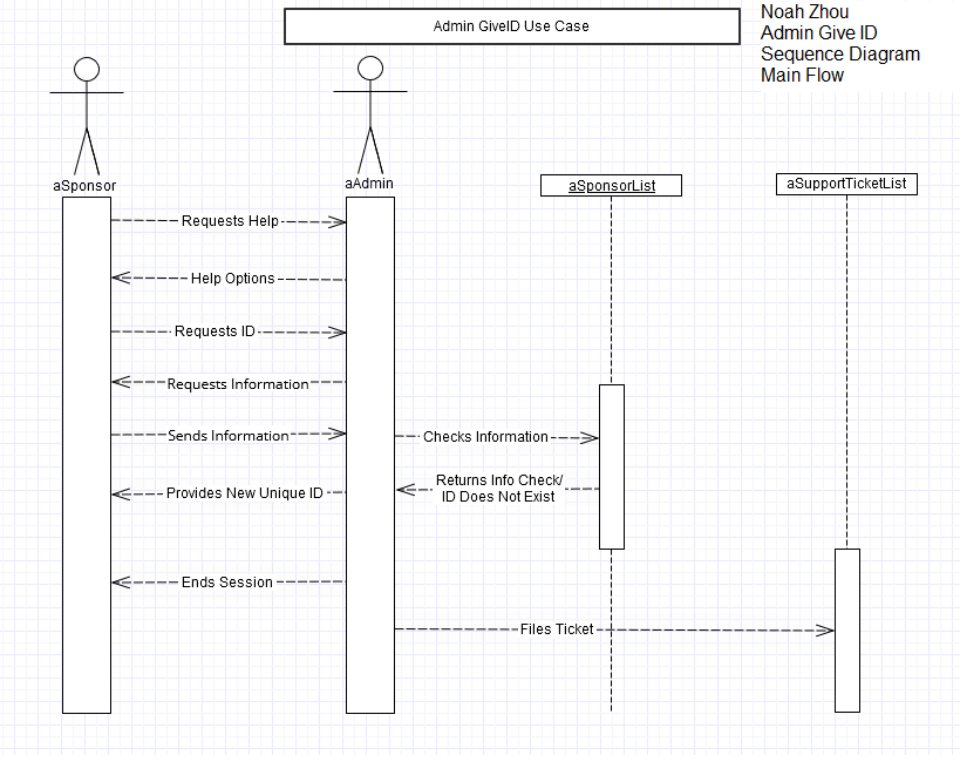

Nelig Fernando
Member View Plans
Sequence Diagram
Regular Flow
Member
Website GUI
Main Webpage
Log In System
Member Database
Click Member Log in
Change to Member Log in
Updates Website
Asks for Log in Info
Inputs Info
Log In Info
Verify Info
Correct Info
Information is Correct
Change to Member Website
Updates Website
Displays Member Info
Click View Plans
Change to Plan Info Page
Updates Site
Shows Plans

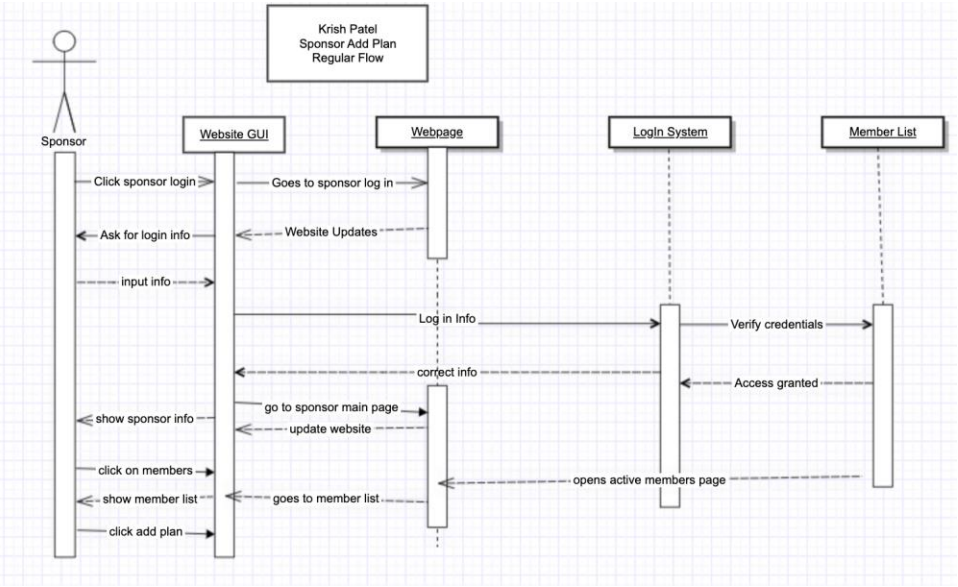

Nelig Fernando
Member View Plans
Sequence Diagram
Alternate Flow
Member
Website GUI
Main Webpage
Log In System
Member Database
Click Member Log in
Change to Member Log in
Updates Website
Asks for Log in Info
Inputs Info
Log In Info
Verify Info
Incorrect Info
Information is Incorrect
Display Incorrect
Information Message

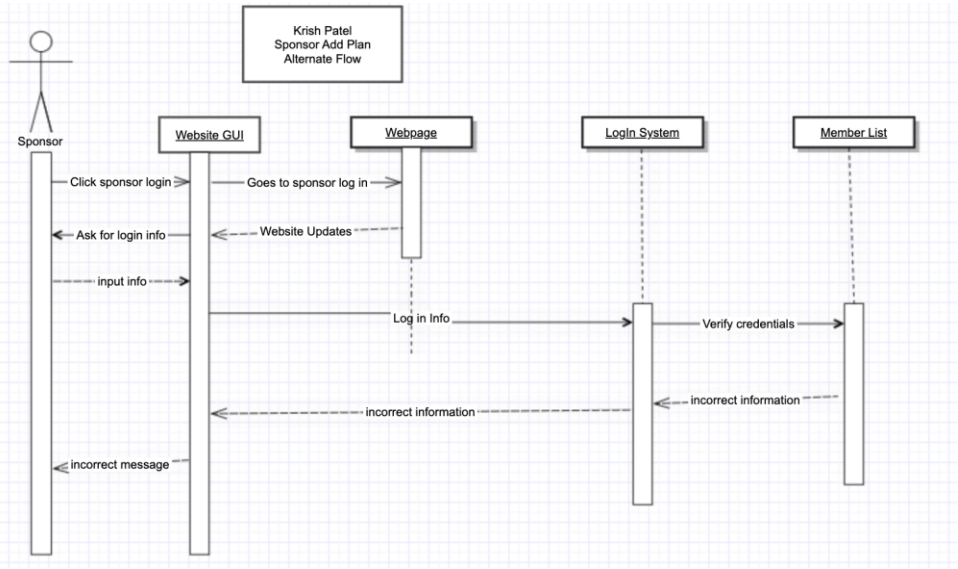

Member RequestPlan Use Case Alternative Course
Noah Zhou
Member Request Plan
Sequence Diagram
Alternative Flow
aMember
aSponsor
aMemberDatabse
Requests Plan
Confirms Plan/
Requests Member Info
Provides Information
Checks Member Plan
Member Has Plan
Member Has Plan
Join Other Plan?

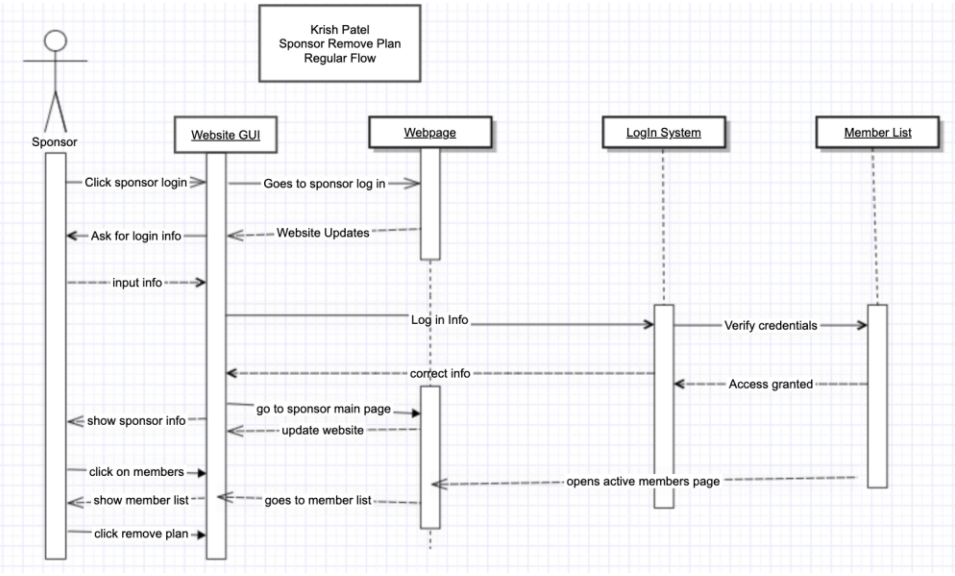

Member RequestPlan Use Case
Noah Zhou
Member Request Plan
Sequence Diagram
Main Flow
aMember
aSponsor
aMemberDatabse
aPlanList
Requests Plan
Confirms Plan/
Requests Member Info
Provides Information
Checks Member Plan
Asks to Choose Plan
Member Does Not Have Plan
Chooses Plan
Checks Plan Availability
Confirms Plan is Available/
Member is Now Added
Plan is Available

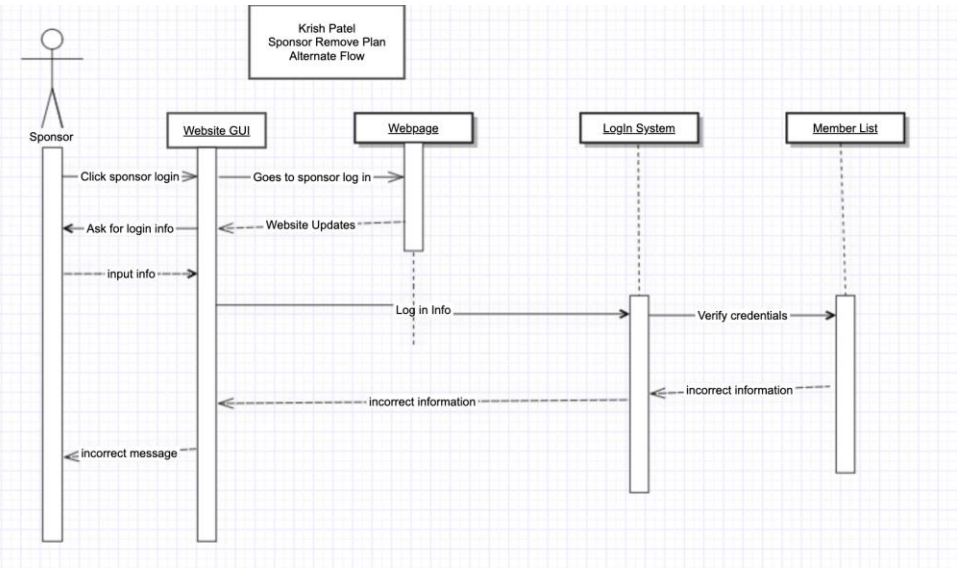

Admin GiveID Use Case Alternative Course
Noah Zhou
Admin GiveID
Sequence Diagram
Alternative Flow
aSponsor
aAdmin
aSponsorList
aSupportTicketList
Requests Help
Help Options
Requests ID
Requests Information
Sends Information
Checks Information
Returns Info Check/
ID Does Exist
Provides Existing ID
Ends Session
Files Ticket


Admin GiveID Use Case
Noah Zhou
Admin Give ID
Sequence Diagram
Main Flow
aSponsor
aAdmin
aSponsorList
aSupportTicketList
Requests Help
Help Options
Requests ID
Requests Information
Sends Information
Checks Information
Returns Info Check/
ID Does Not Exist
Provides New Unique ID
Ends Session
Files Ticket


Krish Patel
Sponsor Add Plan
Regular Flow
Sponsor
Website GUI
Webpage
LogIn System
Member List
Click sponsor login
Goes to sponsor log in
Ask for login info
Website Updates
input info
Log in Info
Verify credentials
correct info
Access granted
go to sponsor main page
show sponsor info
update website
click on members
opens active members page
show member list
goes to member list
click add plan

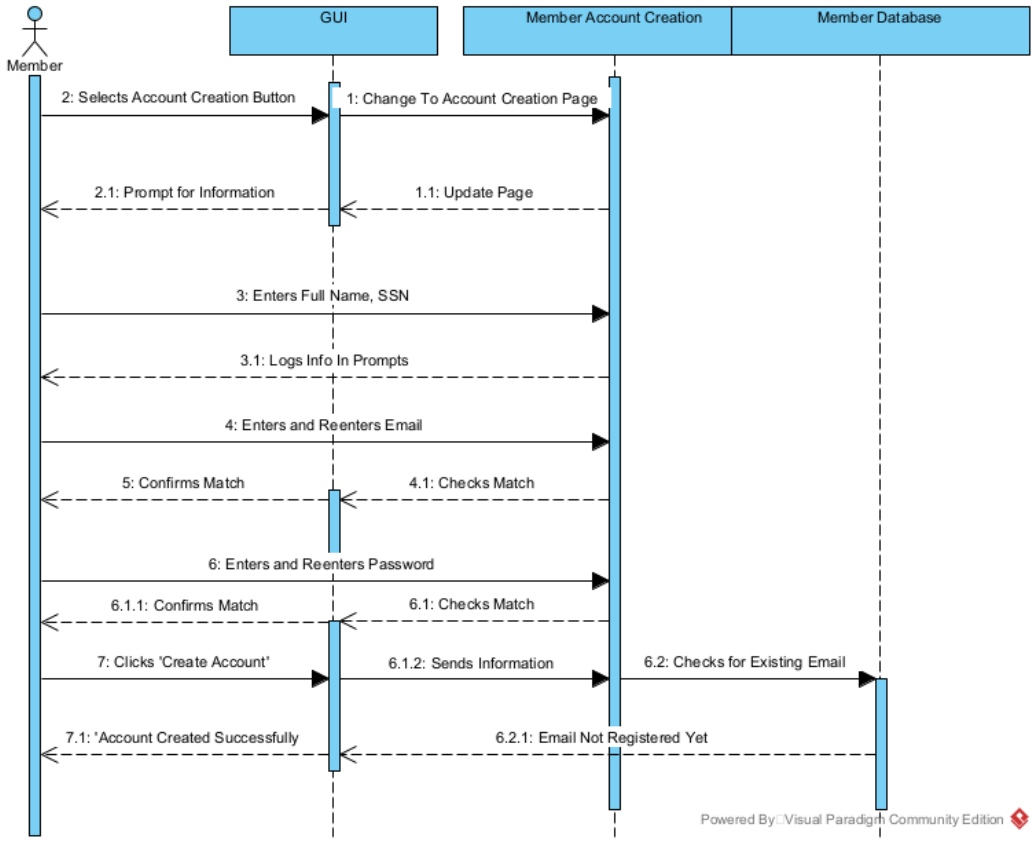

Krish Patel
Sponsor Add Plan
Alternate Flow
Sponsor
Website GUI
Webpage
LogIn System
Member List
Click sponsor login
Goes to sponsor log in
Ask for login info
Website Updates
input info
Log in Info
Verify credentials
incorrect information
incorrect information
incorrect message

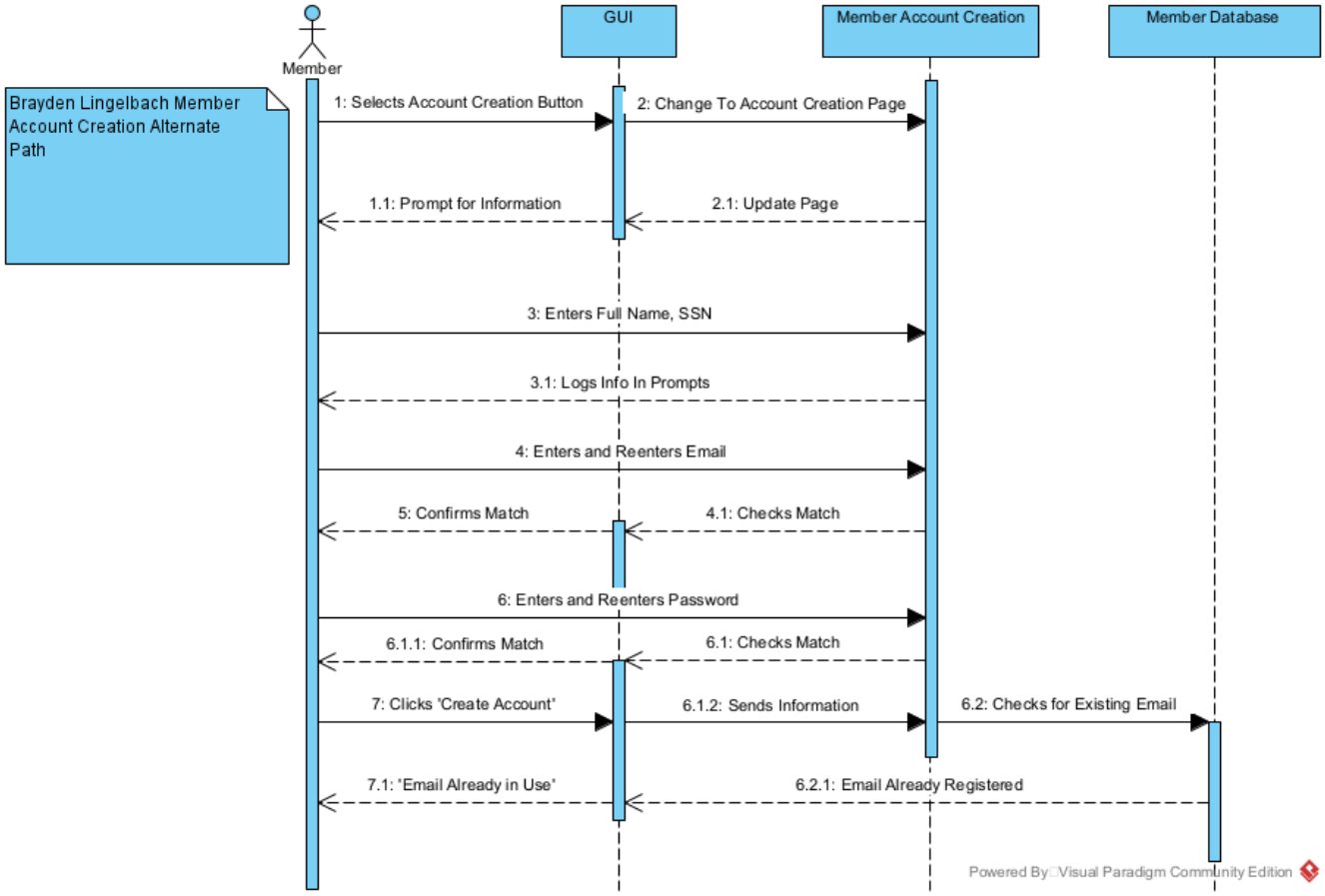




Brayden Lingelbach -

Brayden Lingelbach
Member Account
Creation Regular Path




Brayden Lingelbach Member Account Creation Alternate Path
Member
GUI
Member Account Creation
Member Database
1: Selects Account Creation Button
2: Change To Account Creation Page
1.1: Prompt for Information
2.1: Update Page
3: Enters Full Name, SSN
3.1: Logs Info In Prompts
4: Enters and Reenters Email
5: Confirms Match
4.1: Checks Match
6: Enters and Reenters Password
6.1.1: Confirms Match
6.1: Checks Match
7: Clicks 'Create Account'
6.1.2: Sends Information
6.2: Checks for Existing Email
7.1: 'Email Already in Use'
6.2.1: Email Already Registered
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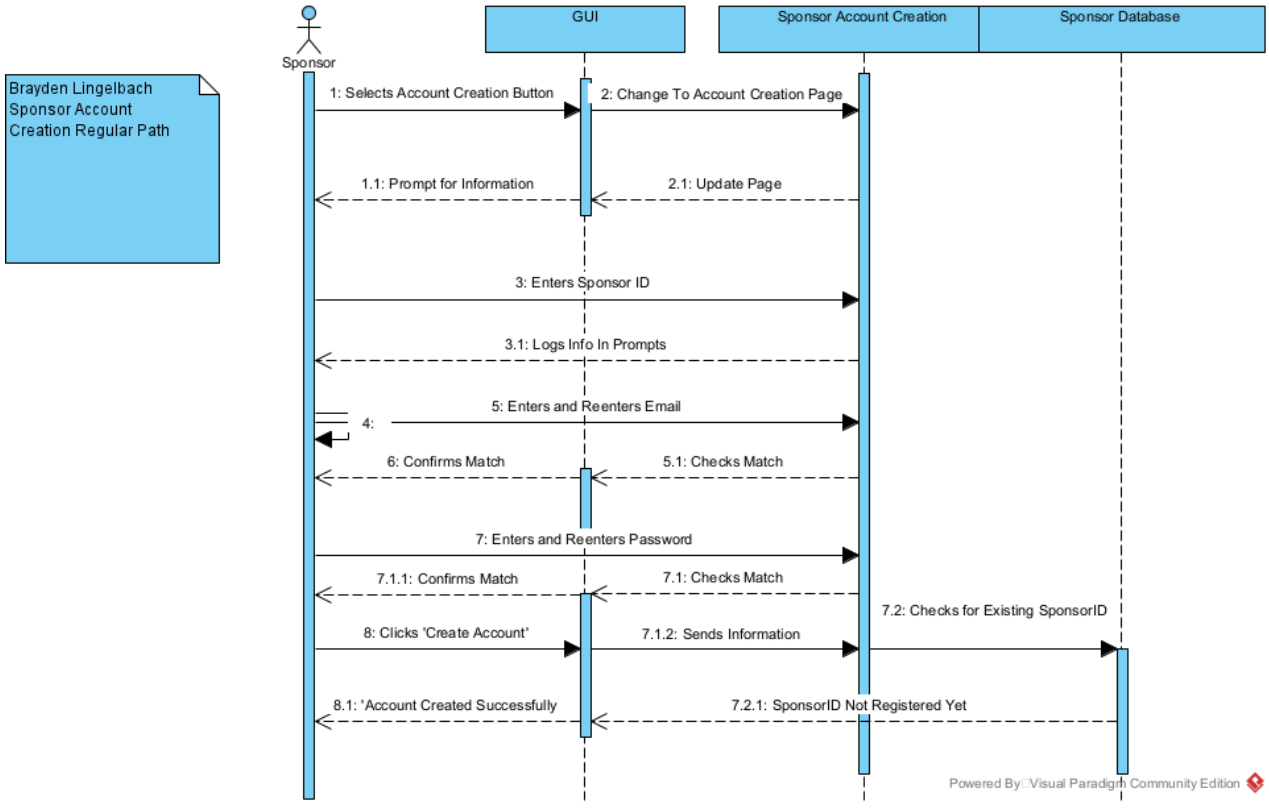
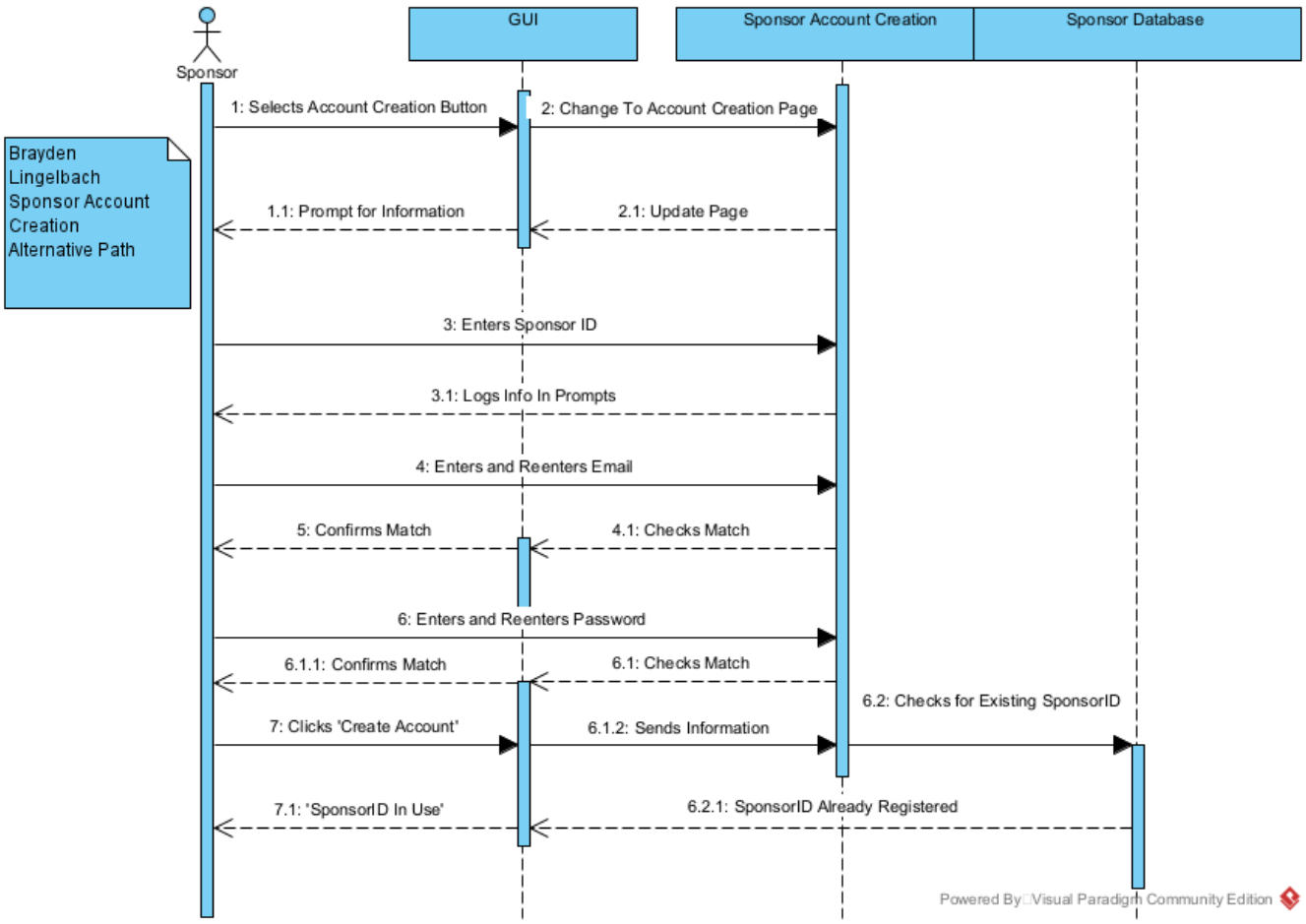

Brayden Lingelbach Sponsor Account Creation Regular Path
Sponsor
GUI
Sponsor Account Creation
Sponsor Database
1: Selects Account Creation Button
2: Change To Account Creation Page
1.1: Prompt for Information
2.1: Update Page
3: Enters Sponsor ID
3.1: Logs Info In Prompts
5: Enters and Reenters Email
4:
6: Confirms Match
5.1: Checks Match
7: Enters and Reenters Password
7.1.1: Confirms Match
7.1: Checks Match
7.2: Checks for Existing SponsorID
8: Clicks 'Create Account'
7.1.2: Sends Information
8.1: 'Account Created Successfully
7.2.1: SponsorID Not Registered Yet
Powered By Visual Paradigm Community Edition

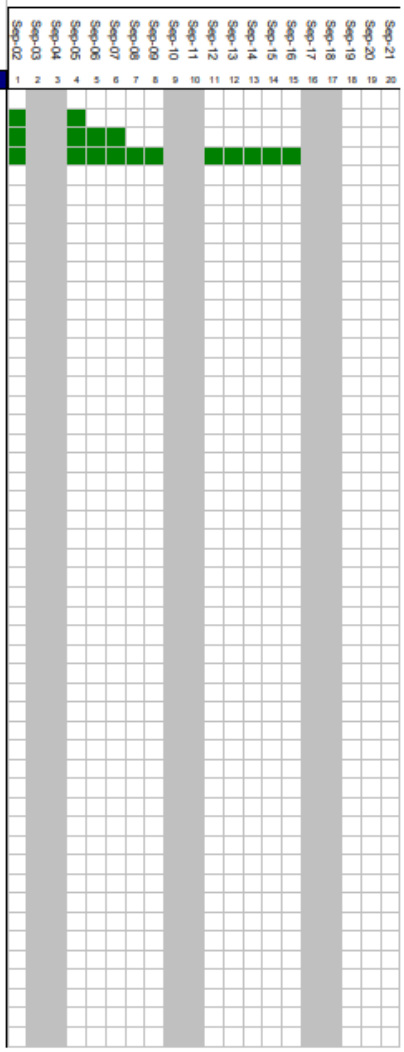

Sponsor
GUI
Sponsor Account Creation
Sponsor Database
Brayden Lingelbach Sponsor Account Creation Alternative Path
1: Selects Account Creation Button
2: Change To Account Creation Page
1.1: Prompt for Information
2.1: Update Page
3: Enters Sponsor ID
3.1: Logs Info In Prompts
4: Enters and Reenters Email
5: Confirms Match
4.1: Checks Match
6: Enters and Reenters Password
6.1.1: Confirms Match
6.1: Checks Match
6.2: Checks for Existing SponsorID
7: Clicks 'Create Account'
6.1.2: Sends Information
7.1: 'SponsorID In Use'
6.2.1: SponsorID Already Registered
Powered By Visual Paradigm Community Edition

Gantt Chart

Project:	Director's Guild of America Management System
Started:	02-Sep-22
Due Date:	09-Dec-22
Available Days:	71
Pct. Completed:	73.5%

Will you work weekends? ○ Yes, count weekends ◉ No, give me the weekends off

Task ID	Task Description	Start Date	Days	Pct.Done	Dep.ID
1.00	**Milestone 1 (Please mention all the tasks performed in Milestome 1 - the following three are just examples), Also update the dates as you go.**				
1.10	Systems Request	02-Sep-22	2	100%	NF, CB, BL, KP, NZ
1.20	Product Roadmap	02-Sep-22	4	100%	NF, CB, BL, KP, NZ
1.30	Product Backlog	02-Sep-22	11	100%	NF, CB, BL, KP, NZ
2.00	**Milestone 2 (Please mention all the tasks performed in Milestome 2 - the following two are just examples)**				
2.10	Gantt Chart	06-Oct-22	1	100%	NF
2.20	Cash flow	06-Oct-22	1	100%	KP
2.30	Use case narratives	06-Oct-22	1	100%	NF, CB, BL, KP, NZ
2.40	Team Retrospective	06-Oct-22	1	100%	CB
2.50	Use Case Diagram	06-Oct-22	1	100%	BL
3.00	**Sprint 1**				
3.10	Interface structure design	29-Sep-22	1	100%	NF, CB, BL, KP, NZ
3.20	Implementation	29-Sep-22	1	100%	NF, CB, BL, KP, NZ
3.30	Use case narratives	29-Sep-22	1	100%	NF, CB, BL, KP, NZ
3.40	Product backlog	29-Sep-22	1	100%	NF, CB, BL, KP, NZ
4.00	**Sprint 2**				
4.10	Interface structure design	06-Oct-22	9	100%	BL
4.20	Implementation	06-Oct-22	9	100%	BL, NF, CB, NZ
4.30	Use case narratives	06-Oct-22	9	100%	BL, NF, CB, NZ
4.40	Product backlog	06-Oct-22	9	100%	BL
5.00	**Milestone 3 (Please mention all the tasks performed in Milestome 3- the following two are just examples)**				
5.10	Class diagram	09-Oct-22	26	100%	BL
5.20	Activity diagram	09-Oct-22	26	100%	NF, CB, BL, KP, NZ
6.00	**Sprint 3**				
6.10	Interface structure design	06-Oct-22	20	100%	BL
6.20	Implementation	06-Oct-22	20	100%	NF, BL, NZ, CB
6.30	Use case narratives	06-Oct-22	20	100%	KP
6.40	Product backlog	06-Oct-22	20	100%	BL
7.00	**Sprint 4**				
7.10	Interface structure design	04-Nov-22	7	0%	
7.20	Implementation	04-Nov-22	7	0%	
7.30	Use case narratives	04-Nov-22	7	0%	
7.40	Product backlog	04-Nov-22	7	0%	
8.00	**Milestone 4 (Please mention all the tasks performed in Milestome 4- the following two are just examples)**				
8.10	Class diagram	11-Nov-22	7	0%	
8.20	Activity diagram	11-Nov-22	7	0%	
7.00	**Sprint 5**				
7.10	Interface structure design	11-Nov-22	7	0%	
7.20	Implementation	11-Nov-22	7	0%	
7.30	Use case narratives	11-Nov-22	7	0%	
7.40	Product backlog	11-Nov-22	7	0%	



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2.30	Use case narratives	06-Oct-22	1
2.40	Team Retrospective	06-Oct-22	1
2.50	Use Case Diagram	06-Oct-22	1
3.00	**Sprint 1**		
3.10	Interface structure design	29-Sep-22	1
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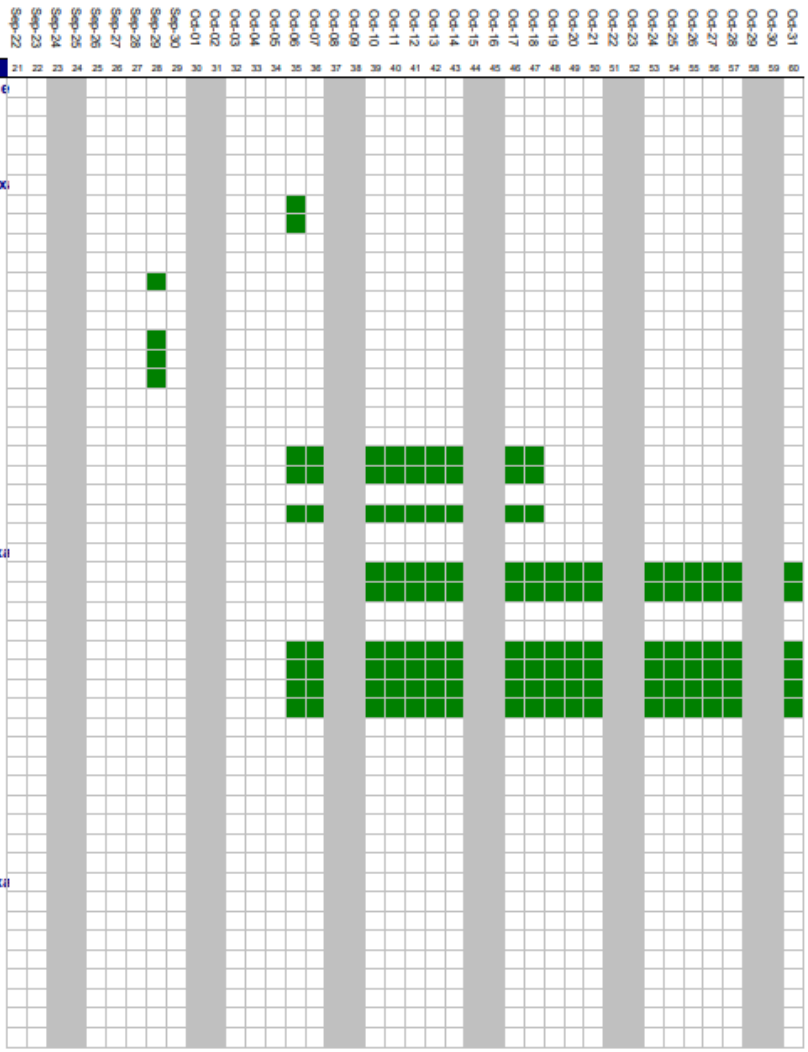
5.10	Class diagram	09-Oct-22	26
5.20	Activity diagram	09-Oct-22	26
6.00	**Sprint 3**		
6.10	Interface structure design	06-Oct-22	20
6.20	Implementation	06-Oct-22	20
6.30	Use case narratives	06-Oct-22	20
6.40	Product backlog	06-Oct-22	20
7.00	**Sprint 4**		
7.10	Interface structure design	04-Nov-22	7
7.20	Implementation	04-Nov-22	7
7.30	Use case narratives	04-Nov-22	7
7.40	Product backlog	04-Nov-22	7
8.00	**Milestone 4 (Please mention all the tasks performed in Milestome 4- the following two are just exa**		
8.10	Class diagram	11-Nov-22	7
8.20	Activity diagram	11-Nov-22	7
7.00	**Sprint 5**		
7.10	Interface structure design	11-Nov-22	7
7.20	Implementation	11-Nov-22	7
7.30	Use case narratives	11-Nov-22	7
7.40	Product backlog	11-Nov-22	7



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2.50	Use Case Diagram	06-Oct-22	1
3.00	**Sprint 1**		
3.10	Interface structure design	29-Sep-22	1
3.20	Implementation	29-Sep-22	1
3.30	Use case narratives	29-Sep-22	1
3.40	Product backlog	29-Sep-22	1
4.00	**Sprint 2**		
4.10	Interface structure design	06-Oct-22	9
4.20	Implementation	06-Oct-22	9
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6.10	Interface structure design	06-Oct-22	20
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6.30	Use case narratives	06-Oct-22	20
6.40	Product backlog	06-Oct-22	20
7.00	**Sprint 4**		
7.10	Interface structure design	04-Nov-22	7
7.20	Implementation	04-Nov-22	7
7.30	Use case narratives	04-Nov-22	7
7.40	Product backlog	04-Nov-22	7
8.00	**Milestone 4 (Please mention all the tasks performed in Milestone 4- the following two are just ex**		
8.10	Class diagram	11-Nov-22	7
8.20	Activity diagram	11-Nov-22	7
7.00	**Sprint 5**		
7.10	Interface structure design	11-Nov-22	7
7.20	Implementation	11-Nov-22	7
7.30	Use case narratives	11-Nov-22	7
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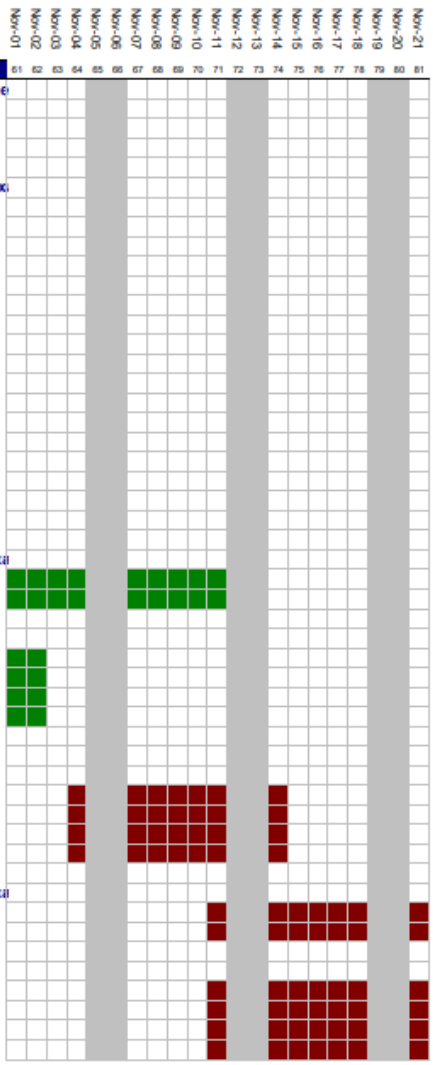

Team Retrospective

- Planning:
  - The team split up the work into 2 activity diagrams and 2 sequence diagrams along with other parts of milestone 3 to help with efficiency.
  - The team planned designated meetings outside of class time to address any questions

    - The team communicated their progression on their individual tasks throughout milestone 3 to make sure no one fell behind
    - The team designated Microsoft teams as the place for questions, and file uploads for milestone 3
- Monitoring:
    - By assigning everyone their task before the milestone was started efficiency increased substantially, and there were not as many questions.
    - Microsoft teams did not promote good communication due to lag but allowed everyone to congregate their parts of milestone 3 into a single folder.
    - Meetings were preferred to be held in person rather than online but meeting online allowed more leniency within the team's individual schedules.
- Evaluation:
    - The activity diagrams, and sequence diagrams were complete without issues appearing.
    - The Teams plan to split up the work ended up allowing the milestone 3 to be complete quickly due to everyone knowing what needed to be completed, and when.
    - Although splitting up work has proven to be beneficial to efficiency within the milestone it led to a breakdown of communication due to people being focused on their individual task.
- Plan of Action:
    - Further steps can be taken to ensure if someone is struggling that they have to outlet to voice their struggles without feeling pressured.

- Further organization of documentation and charts would allow for easier implementation in future milestones.