

Project: Career and Life Integrated Planning (CLIP)
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Revision History

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1.0	04/01/2015	Team 6	Initial draft	
2.0	05/07/2015	Team 6	Revision	Updates to Requirements Data Storage Screenshots Schedule Test Plan

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1. Introduction and Project Overview

Our mission is to create an Android application titled CLIP (Career and Life Integrated Planning). CLIP shall allow the User to keep track of their life on a day-to-day basis. CLIP shall allow the User to track their progress as they work towards their financial, health, career, and education goals. CLIP shall have login and authentication features in order to keep the user's sensitive information secure. Our objective is to practice general Software Engineering life cycles of Specification, Design, Implementation and Testing by creating an Android application. We will be using a plan-driven Software Engineering approach.

2. Objectives

2.1 BUSINESS OBJECTIVES

The following is a list of business objectives:

Objective 1: Login and Authentication: All members must login before accessing the system. The first time user must register first.

Objective 2: Goal Setup: Allow entering short and long-term goals.

Objective 3: Job Search: List of all jobs applied to.

Objective 4: Company Information: General information about companies the user has interest in.

Objective 5: Electronic Notification: Establish electronic identity (i.e. LinkedIn, Facebook, Monster.com) for job search

Objective 6: Contact List: This is a list of the user's contacts.

Objective 7: Financial State: Current financial assets (Including cash, assets, liabilities, credit card, etc.)

Objective 8: Stocks & Securities: Stocks & Securities that the user owns.

Objective 9: Financial Goals: Allow entering short and long-term financial goals.

Objective 10: Financial Summary: A brief summary of the financial state.

Objective 11: Vital sign registration: The following vital signs must be maintained:

- BP
- Cholesterol (LDL, HDL, Total)
- Glucose
- Other (add as many you wish)

Objective 12: Exercise Plan: Description of current exercise plan.

Objective 13: Diet: List all diets (previous, current, and future).

Objective 14: Check-up: Annual check-up information.

Objective 15: Medication: List of all medication(s).

Objective 16: Allergies: List of all allergies (previous, current).

Objective 17: Recipes: List of recipes and articles related to health.

Objective 18: Health Notes: Notes pertaining to health.

Objective 19: Current Education: Summary of current education.

Objective 20: Graduate Plans: Goals for graduate education.

Objective 21: Graduate School Consideration: List of all graduate schools in consideration.

Objective 22: Graduate School Application: List of all graduate schools applied to.

Objective 23: Future Study Plans: Summary of future study plans.

Objective 24: Continued Education: Summary of continued education plans.

Objective 25: Financial Aid: List of loans, financial aid, scholarships, etc.

Objective 26: Education Notes: Notes pertaining to education.

2.2 SYSTEM OBJECTIVES

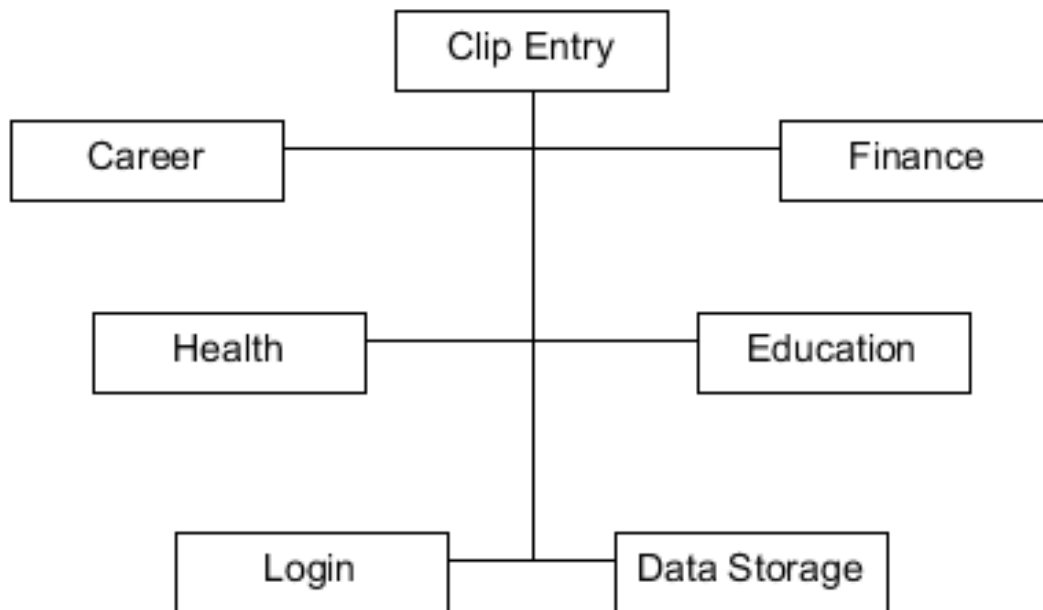
The following is a list of system objectives:

Objective 1: CLIP must be an Android application.

Objective 2: Data storage: system must keep the all entered information.

Objective 3: Linear file to store data.

3. Project Context Diagram



4. Systems Requirements

4.1 “LOGIN AND AUTHENTICATION” REQUIREMENTS

Requirement Title: (*required)	Log In
Sequence No: (*required)	001
Short description: (*required)	Register New User
Detailed Description: (*required)	Upon selection of the Register New User button, a form will pop up. This form will be filled in by the User with, Name, password, email, security questions. The data will be encrypted and stored on the device.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Log In
Sequence No: (*required)	002
Short description: (*required)	Log In Existing User
Detailed Description: (*required)	Upon opening the application the User will enter their Username and Password and select the submit button. This task will open the User's data for viewing.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Log In
Sequence No: (*required)	003
Short description: (*required)	Forgot Password
Detailed Description: (*required)	Upon three failed log in attempts, or selecting the Forgot Password button, the User will be asked to input their email and a code will be sent to the Users email that will allow them to reset their password.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

4.2 “REGISTER SHORT-TERM AND LONG-TERM GOAL” REQUIREMENTS

Requirement Title: (*required)	Register short-term and long-term goal
Sequence No: (*required)	001
Short description: (*required)	Register a short term goal
Detailed Description: (*required)	<p>Allows user to enter a short term career goal. The following should be captured to register a new short term goal:</p> <ul style="list-style-type: none"> • Short term career goal • Date of registration
Pre-Conditions: (optional)	The user must be logged in.
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Register short-term and long-term goal
Sequence No: (*required)	002
Short description: (*required)	Register a long term goal
Detailed Description: (*required)	<p>Allows user to enter a long-term career goal. The following should be captured to register a new short term goal:</p> <ul style="list-style-type: none"> • Long term career goal • Date of registration
Pre-Conditions: (optional)	The user must be logged in.
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Register short-term and long-term goal
Sequence No: (*required)	003
Short description: (*required)	Delete a short term goal
Detailed Description: (*required)	Allows user to delete a short-term goal that the user had previously registered.
Pre-Conditions: (optional)	<ul style="list-style-type: none"> • The user must be logged in. • The user must have more that one short term goal registered
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Register short-term and long-term goal
Sequence No: (*required)	004
Short description: (*required)	Delete a long term goal
Detailed Description: (*required)	Allows user to delete a long-term goal that the user had previously registered.
Pre-Conditions: (optional)	<ul style="list-style-type: none"> • The user must be logged in. • The user must have more that one long term goal registered
Post Conditions: (optional)	
Other attributes: (optional)	

4.3 “JOB SEARCH” REQUIREMENTS

Requirement Title: (*required)	Job Search
Sequence No: (*required)	001
Short description: (*required)	Enter a Job that the user has applied to
Detailed Description: (*required)	Allows user to enter a job that he has previously applied to. The following should be captured to enter a new job: <ul style="list-style-type: none">• Name of Company• Month and Year of Application• Current Status (eg. Accepted, Rejected, Interview Granted)
Pre-Conditions: (optional)	<ul style="list-style-type: none">• The user must be logged in.
Post Conditions: (optional)	
Other attributes: (optional)	

4.4 “COMPANY INFORMATION” REQUIREMENTS

Requirement Title: (*required)	Company Information
Sequence No: (*required)	001
Short description: (*required)	Enter a company the user is considering
Detailed Description: (*required)	<p>Allows user to enter a company that he is currently considering. The following should be captured to enter a new company:</p> <ul style="list-style-type: none">• Company name• Company product or line of business• Contact information, Location, Phone• Key facts about the company• Why the user is considering this company• Resume submission date• Interview information (interview date, outcome, lessons learned)
Pre-Conditions: (optional)	The user must be logged in.
Post Conditions: (optional)	
Other attributes: (optional)	

4.5 “ELECTRONIC-IDENTIFICATION” REQUIREMENTS

Requirement Title: (*required)	Electronic Identification
Sequence No: (*required)	001
Short description: (*required)	Add electronic account details for an online job board
Detailed Description: (*required)	<p>Allows user to enter details about his contacts and connections in his network. The following should be captured to enter a new account:</p> <ul style="list-style-type: none">• Website Name• UserID• Password• Security Questions• Answers to security questions
Pre-Conditions: (optional)	The user must be logged in.
Post Conditions: (optional)	
Other attributes: (optional)	

4.6 “NETWORKING AND CONTACT LIST” REQUIREMENTS

Requirement Title: (*required)	Network and contact list
Sequence No: (*required)	001
Short description: (*required)	Add contacts
Detailed Description: (*required)	<p>Allows user to enter details about his contacts and connections in his network. The following should be captured to enter a new contact:</p> <ul style="list-style-type: none">• Contact Name and title• Affiliation: Company, Institution or other• Established date• Number of time used• Comments
Pre-Conditions: (optional)	The user must be logged in.
Post Conditions: (optional)	
Other attributes: (optional)	The “Number of times used” field is initially set to zero.

4.7 “FINANCIAL STATE” REQUIREMENTS

Requirement Title: (*required)	Financial State
Sequence No: (*required)	001
Short description: (*required)	User can view current financial assets
Detailed Description: (*required)	The application will allow the user to view all current financial assets, in a formatted window.
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

Requirement Title: (*required)	Financial State
Sequence No: (*required)	002
Short description: (*required)	User can add current financial assets
Detailed Description: (*required)	The application will allow the user to enter all current financial assets.
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

Requirement Title: (*required)	Financial State
Sequence No: (*required)	003
Short description: (*required)	User can remove current financial assets
Detailed Description: (*required)	The application will allow the user to remove all current financial assets. The application will ask for confirmation prior to deleting the asset. If the user confirms the action, the application will remove the entry from data storage.
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

Requirement Title: (*required)	Financial State
Sequence No: (*required)	004
Short description: (*required)	User can view current cash
Detailed Description: (*required)	The application will allow the user to view all cash, in a formatted window.
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

Requirement Title: (*required)	Financial State
Sequence No: (*required)	006
Short description: (*required)	User can add credit card debt
Detailed Description: (*required)	The application will allow the user to add all credit card debt
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

Requirement Title: (*required)	Financial State
Sequence No: (*required)	007
Short description: (*required)	User can remove credit card debt
Detailed Description: (*required)	The application will allow the user to remove all credit card debt. The application will ask the user for confirmation. If the user confirms, the application will remove the data storage.
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

Requirement Title: (*required)	Financial State
Sequence No: (*required)	008
Short description: (*required)	User can view financial liabilities
Detailed Description: (*required)	The application will allow the user to view all financial liabilities, in a formatted window.
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

Requirement Title: (*required)	Financial State
Sequence No: (*required)	009
Short description: (*required)	User can add financial liabilities
Detailed Description: (*required)	The application will allow the user to add all financial liabilities
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

Requirement Title: (*required)	Financial State
Sequence No: (*required)	010
Short description: (*required)	User can remove financial liabilities
Detailed Description: (*required)	The application will allow the user to remove all financial liabilities. The application will ask the user for confirmation. If the user confirms, the application will remove the data storage.
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

4.8 “STOCKS & SECURITIES” REQUIREMENTS

Requirement Title: (*required)	Stocks & Securities
Sequence No: (*required)	001
Short description: (*required)	User can view current securities
Detailed Description: (*required)	The application will allow the user to view all current securities, in a formatted window.
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

Requirement Title: (*required)	Stocks & Securities
Sequence No: (*required)	002
Short description: (*required)	User can add any current securities
Detailed Description: (*required)	The application will allow the user to add any current securities
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

Requirement Title: (*required)	Stocks & Securities
Sequence No: (*required)	003
Short description: (*required)	User can remove current securities
Detailed Description: (*required)	The application will allow the user to remove any current securities. The application will ask for confirmation prior to deleting the security. If the user confirms the action, the application will remove the entry from data storage.
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

Requirement Title: (*required)	Stocks & Securities
Sequence No: (*required)	004
Short description: (*required)	User can view current stocks
Detailed Description: (*required)	The application will allow the user to view all current stocks, in a formatted window.
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

Requirement Title: (*required)	Stocks & Securities
Sequence No: (*required)	005
Short description: (*required)	User can add any current stock(s)
Detailed Description: (*required)	The application will allow the user to add any current stock(s)
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

Requirement Title: (*required)	Stocks & Securities
Sequence No: (*required)	006
Short description: (*required)	User can remove current stock
Detailed Description: (*required)	The application will allow the user to remove any current stock. The application will ask for confirmation prior to deleting the stock. If the user confirms the action, the application will remove the entry from data storage.
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

4.9 “FINANCIAL GOALS” REQUIREMENTS

Requirement Title: (*required)	Financial Goals
Sequence No: (*required)	001
Short description: (*required)	User can view all long-term financial goals
Detailed Description: (*required)	The application will allow the user to view all long-term financial goals, in a formatted window.
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

Requirement Title: (*required)	Financial Goals
Sequence No: (*required)	002
Short description: (*required)	User can add any long-term financial goals
Detailed Description: (*required)	The application will allow the user to add any long-term financial goals.
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

Requirement Title: (*required)	Financial Goals
Sequence No: (*required)	003
Short description: (*required)	User can remove any long-term financial goal
Detailed Description: (*required)	The application will allow the user to edit any long-term financial goal. The application will ask the user for confirmation prior to deleting the long-term goal from data storage.
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

Requirement Title: (*required)	Financial Goals
Sequence No: (*required)	004
Short description: (*required)	User can view all short-term financial goals
Detailed Description: (*required)	The application will allow the user to view all short-term financial goals, in a formatted window.
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

Requirement Title: (*required)	Financial Goals
Sequence No: (*required)	005
Short description: (*required)	User can add any short-term financial goals
Detailed Description: (*required)	The application will allow the user to add any short-term financial goals.
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

Requirement Title: (*required)	Financial Goals
Sequence No: (*required)	006
Short description: (*required)	User can remove any short-term financial goal
Detailed Description: (*required)	The application will allow the user to edit any short-term financial goal. The application will ask the user for confirmation prior to deleting the short-term goal from data storage.
Pre-Conditions: (optional)	The application must have already authenticated the user prior to accessing this information.
Post Conditions: (optional)	The user will be asked to save the information prior to returning to the main page.
Other attributes: (optional)	

4.10 “VITAL SIGNS” REQUIREMENTS

Requirement Title: (*required)	VITAL SIGNS
Sequence No: (*required)	001
Short description: (*required)	View vital sings entry
Detailed Description: (*required)	Upon selection of a vital signs entry, display information in formatted window
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	VITAL SIGNS
Sequence No: (*required)	002
Short description: (*required)	Add vital sings entry
Detailed Description: (*required)	Upon selection of the add button in the vital signs menu, open window containing a form. User fills in the form with Body temperature, Heart Rate or Pulse, Respiratory rate and Blood pressure. Form information is saved to devise.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	VITAL SIGNS
Sequence No: (*required)	003
Short description: (*required)	remove vital sings entry
Detailed Description: (*required)	Upon selection of a vital signs entry and selecting the remove button, the app will ask for confirmation. If the user confirms the action, the app will remove the entry from data storage
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

4.11 “EXERCISE PLAN” REQUIREMENTS

Requirement Title: (*required)	Exercise Plan
Sequence No: (*required)	001
Short description: (*required)	View exercise plan entry
Detailed Description: (*required)	Upon selection of an exercise plan entry, display information in formatted window
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Exercise Plan
Sequence No: (*required)	002
Short description: (*required)	Add Exercise Plan entry
Detailed Description: (*required)	Upon selection of the add button in the exercise plan menu, open window containing a form. User fills in the form with plan type, duration, description. Form information is saved to devise.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Exercise Plan
Sequence No: (*required)	003
Short description: (*required)	remove Exercise Plan entry
Detailed Description: (*required)	Upon selection of an exercise plan entry and selecting the remove button, the app will ask for confirmation. If the user confirms the action, the app will remove the entry from data storage
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Exercise Plan
Sequence No: (*required)	004
Short description: (*required)	Edit Exercise Plan entry
Detailed Description: (*required)	Upon selection of an exercise plan entry and selecting the edit button, a prefilled form is opened in a new window. The user can edit the information on the form. When the user is done editing and clicks the save button, the app will ask for confirmation. If the user confirms the action, the app will save the entry to data storage
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

4.12 “DIET” REQUIREMENTS

Requirement Title: (*required)	Diet
Sequence No: (*required)	001
Short description: (*required)	View diet entry
Detailed Description: (*required)	Upon selection of a diet entry, display information in formatted window
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Diet
Sequence No: (*required)	002
Short description: (*required)	Add diet entry
Detailed Description: (*required)	Upon selection of the add button in the diet menu, open window containing a form. User fills in the form with diet type, duration, description. Form information is saved to devise.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Diet
Sequence No: (*required)	003
Short description: (*required)	remove diet entry
Detailed Description: (*required)	Upon selection of a diet entry and selecting the remove button, the app will ask for confirmation. If the user confirms the action, the app will remove the entry from data storage
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Diet
Sequence No: (*required)	004
Short description: (*required)	Edit diet entry
Detailed Description: (*required)	Upon selection of a diet entry and selecting the edit button, a prefilled form is opened in a new window. The user can edit the information on the form. When the user is done editing and clicks the save button, the app will ask for confirmation. If the user confirms the action, the app will save the entry to data storage
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

4.13 “ANNUAL CHECKUP” REQUIREMENTS

Requirement Title: (*required)	Annual Checkup
Sequence No: (*required)	001
Short description: (*required)	View check-up entry
Detailed Description: (*required)	Upon selection of a check-up entry, display information in formatted window
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Annual Checkup
Sequence No: (*required)	002
Short description: (*required)	Add check-up entry
Detailed Description: (*required)	Upon selection of the add button in the check-up menu, open window containing a form. User fills in the form with blood pressure, cholesterol, glucose, other. Form information is saved to device.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Annual Checkup
Sequence No: (*required)	003
Short description: (*required)	remove check-up entry
Detailed Description: (*required)	Upon selection of a check-up entry and selecting the remove button, the app will ask for confirmation. If the user confirms the action, the app will remove the entry from data storage
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

4.14 “MEDICATION” REQUIREMENTS

Requirement Title: (*required)	Medication
Sequence No: (*required)	001
Short description: (*required)	View medication entry
Detailed Description: (*required)	Upon selection of a medication entry, display information in formatted window
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Medication
Sequence No: (*required)	002
Short description: (*required)	Add medication entry
Detailed Description: (*required)	Upon selection of the add button in the medication menu, open window containing a form. User fills in the form with name of medication, application, dosage, start date, end date. Form information is saved to devise.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Medication
Sequence No: (*required)	003
Short description: (*required)	remove medication entry
Detailed Description: (*required)	Upon selection of a medication entry and selecting the remove button, the app will ask for confirmation. If the user confirms the action, the app will remove the entry from data storage
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

4.15 “ALLERGIES” REQUIREMENTS

Requirement Title: (*required)	Allergies
Sequence No: (*required)	001
Short description: (*required)	View allergen entry
Detailed Description: (*required)	Upon selection of an allergen entry, display information in formatted window
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Allergies
Sequence No: (*required)	002
Short description: (*required)	Add allergen entry
Detailed Description: (*required)	Upon selection of the add button in the allergen menu, open window containing a form. User fills in the form with name of allergen, type of allergy, symptoms, cure. Form information is saved to devise.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Allergies
Sequence No: (*required)	003
Short description: (*required)	remove allergen entry
Detailed Description: (*required)	Upon selection of an allergen entry and selecting the remove button, the app will ask for confirmation. If the user confirms the action, the app will remove the entry from data storage
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

4.16 “RECIPE” REQUIREMENTS

Requirement Title: (*required)	Recipe
Sequence No: (*required)	001
Short description: (*required)	View recipe entry
Detailed Description: (*required)	Upon selection of a recipe entry, display information in formatted window
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Recipe
Sequence No: (*required)	002
Short description: (*required)	Add recipe entry
Detailed Description: (*required)	Upon selection of the add button in the recipe menu, open window containing a form. User fills in the form with name of recipe, type of recipe, URL, description. Form information is saved to devise.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Recipe
Sequence No: (*required)	003
Short description: (*required)	remove recipe entry
Detailed Description: (*required)	Upon selection of a recipe entry and selecting the remove button, the app will ask for confirmation. If the user confirms the action, the app will remove the entry from data storage
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Recipe
Sequence No: (*required)	004
Short description: (*required)	Edit recipe entry
Detailed Description: (*required)	Upon selection of a recipe entry and selecting the edit button, a prefilled form is opened in a new window. The user can edit the information on the form. When the user is done editing and clicks the save button, the app will ask for confirmation. If the user confirms the action, the app will save the entry to data storage
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

4.17 “HEALTH NOTE” REQUIREMENTS

Requirement Title: (*required)	Health Note
Sequence No: (*required)	001
Short description: (*required)	View health note entry
Detailed Description: (*required)	Upon selection of a health note entry, display information in formatted window
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Health Note
Sequence No: (*required)	002
Short description: (*required)	Add health note entry
Detailed Description: (*required)	Upon selection of the add button in the health note menu, open window containing a form. User fills in the form with name of note, type of note, description. Form information is saved to device.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Health Note
Sequence No: (*required)	003
Short description: (*required)	remove health note entry
Detailed Description: (*required)	Upon selection of a health note entry and selecting the remove button, the app will ask for confirmation. If the user confirms the action, the app will remove the entry from data storage
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Health Note
Sequence No: (*required)	004
Short description: (*required)	Edit health note entry
Detailed Description: (*required)	Upon selection of a health note entry and selecting the edit button, a prefilled form is opened in a new window. The user can edit the information on the form. When the user is done editing and clicks the save button, the app will ask for confirmation. If the user confirms the action, the app will save the entry to data storage
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

4.18 “CURRENT EDUCATION” REQUIREMENTS

Requirement Title: (*required)	Current Education
Sequence No: (*required)	001
Short description: (*required)	View Current Education
Detailed Description: (*required)	Upon selection of a current education entry, display information in formatted window.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Current Education
Sequence No: (*required)	002
Short description: (*required)	Add Current Education
Detailed Description: (*required)	Upon selection of the add button in the current education menu, open window containing a form. User fills in form with degree, acquired, school, dates attended. Form information is set to device.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Current Education
Sequence No: (*required)	003
Short description: (*required)	Remove Current Education
Detailed Description: (*required)	Upon selection of a current education entry and selecting remove button, the application will ask for a confirmation from the User. If the User confirms the action, the application will remove the entry from data storage, else, it will do nothing.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

4.19 “GRADUATE PLAN” REQUIREMENTS

Requirement Title: (*required)	Graduate Plan
Sequence No: (*required)	001
Short description: (*required)	View Graduate Plan
Detailed Description: (*required)	Upon selection of a graduate plan, display information in formatted window.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Graduate Plan
Sequence No: (*required)	002
Short description: (*required)	Add Graduate Plan
Detailed Description: (*required)	Upon selection of the add button in the Graduate Plan menu, open window containing a form. User fills in the form with desired degree, schools with major, financial cost to obtain degree, amount of time to obtain degree. Form information is saved to device.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Graduate Plan
Sequence No: (*required)	003
Short description: (*required)	Remove Graduate Plan
Detailed Description: (*required)	Upon selection of a Graduate Plan entry and selecting the remove button, the application will ask for confirmation. If the User confirms the action, the application will remove the entry from data storage.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

4.20 “SCHOOLS IN CONSIDERATION” REQUIREMENTS

Requirement Title: (*required)	Schools in Consideration
Sequence No: (*required)	001
Short description: (*required)	View Schools in Consideration
Detailed Description: (*required)	Upon selection of a schools in consideration entry, display information in a formatted window.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Schools in Consideration
Sequence No: (*required)	002
Short description: (*required)	Add Schools in Consideration
Detailed Description: (*required)	Upon selection of the add button in the Schools in Consideration menu, open window containing form. User fills in the form with, Name of Major, Name of University. Form information is saved to device.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Schools in Consideration
Sequence No: (*required)	003
Short description: (*required)	Remove Schools in Consideration
Detailed Description: (*required)	Upon selection of a schools in consideration entry and selecting the remove button, the application will ask for confirmation. If the User confirms the action, the application will remove the entry from data storage.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

4.21 “SCHOOLS APPLIED” REQUIREMENTS

Requirement Title: (*required)	Schools Applied
Sequence No: (*required)	001
Short description: (*required)	View Schools Applied
Detailed Description: (*required)	Upon selection of a Schools Applied entry, display information in a formatted window.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Schools Applied
Sequence No: (*required)	002
Short description: (*required)	Add Schools Applied
Detailed Description: (*required)	Upon selection of the add button in the Schools Applied menu, open a window containing a form. User fills in the form with name of School, desired degree, date applied, expected response date. Form information is saved to device.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Schools Applied
Sequence No: (*required)	003
Short description: (*required)	Remove Schools Applied
Detailed Description: (*required)	Upon selection of a Schools Applied entry and selecting the remove button, the application will ask for confirmation. If the User confirms the action, the application will remove the entry from data storage.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

4.22 “CONTINUED EDUCATION” REQUIREMENTS

Requirement Title: (*required)	Continued Education
Sequence No: (*required)	001
Short description: (*required)	View Continued Education
Detailed Description: (*required)	Upon selection of a Continued Education entry, display information in formatted window.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Continued Education
Sequence No: (*required)	002
Short description: (*required)	Add Continued Education
Detailed Description: (*required)	Upon selection of the add button in the Continued Education menu, open window containing a form. User fills in the form with Desired topics, Certifications, Work Required Knowledge. Form information is saved to device.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Continued Education
Sequence No: (*required)	003
Short description: (*required)	Remove Continued Education
Detailed Description: (*required)	Upon selection of a Continued Education entry and selecting the remove button, the application will ask for confirmation. If the User confirms the action, he application will remove the entry from data storage.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

4.23 “FUTURE STUDY” REQUIREMENTS

Requirement Title: (*required)	Future Study
Sequence No: (*required)	001
Short description: (*required)	View Future Study
Detailed Description: (*required)	Upon selection of a Future Study entry, display information in a formatted window.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Future Study
Sequence No: (*required)	002
Short description: (*required)	Add Future Study
Detailed Description: (*required)	Upon selection of the add button in the Future Study menu, open window containing a form. The User fills in the form with Desired topics, Desired fields. Form information is saved to the device.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Future Study
Sequence No: (*required)	003
Short description: (*required)	Remove Future Study
Detailed Description: (*required)	Upon selection of a Future Study entry and selecting the remove button, the application will ask for confirmation. If the User confirms the action, the application will remove the entry from data storage.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

4.24 “FINANCIAL AID” REQUIREMENTS

Requirement Title: (*required)	Financial Aid
Sequence No: (*required)	001
Short description: (*required)	View Financial Aid
Detailed Description: (*required)	Upon selection of a Financial Aid entry, display information in formatted window.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Financial Aid
Sequence No: (*required)	002
Short description: (*required)	Add Financial Aid
Detailed Description: (*required)	Upon selection of the add button in the Financial Aid menu, open window containing a form. User fills in the form with Year of Financial Aid, Amount of Financial Aid, Interest Amount, Total Paid, Total Remaining. Form information is saved to device.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

Requirement Title: (*required)	Financial Aid
Sequence No: (*required)	003
Short description: (*required)	Add Financial Aid
Detailed Description: (*required)	Upon selection of a Financial Aid entry and selecting the remove button, the application will ask for confirmation. If the User confirms the action, the application will remove the entry from data storage.
Pre-Conditions: (optional)	
Post Conditions: (optional)	
Other attributes: (optional)	

4.25 “DATA STORAGE” REQUIREMENTS

Requirement Title: (*required)	Data Storage
Sequence No: (*required)	001
Short description: (*required)	Store User Data
Detailed Description: (*required)	Stores the data entered by the user in different parts of the application using SQLite
Pre-Conditions: (optional)	<ul style="list-style-type: none">• The user must be logged in.
Post Conditions: (optional)	This file must be accessible by all sections of the application
Other attributes: (optional)	The data will be retrievable because it will be stored in the following order: <ul style="list-style-type: none">• Login• Career• Financial• Health• Education

5. Software Processes and Infrastructure

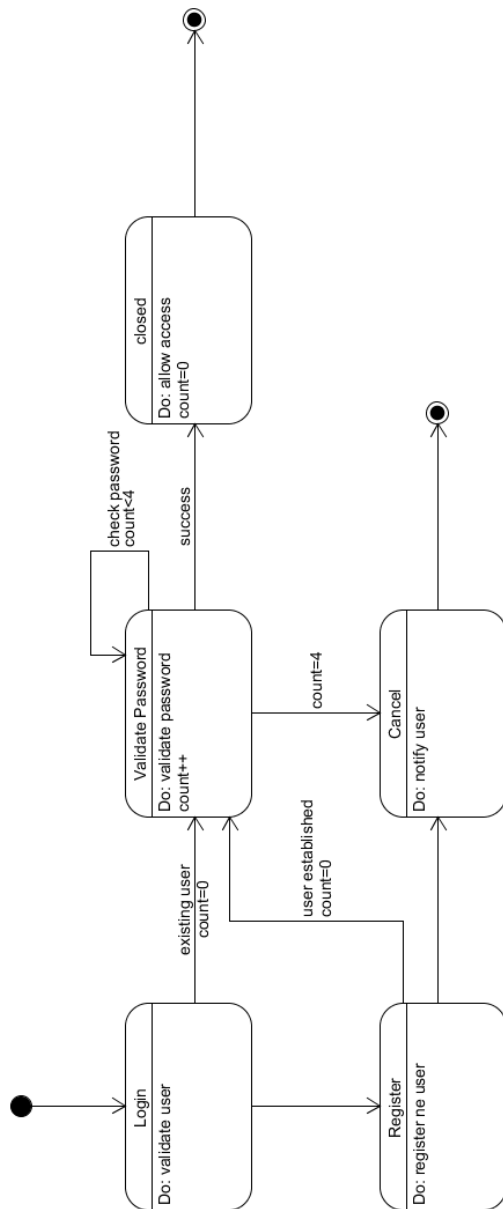
5.1 HARDWARE AND INFRASTRUCTURE

Hardware Type: Android-compatible device, 10mb free storage

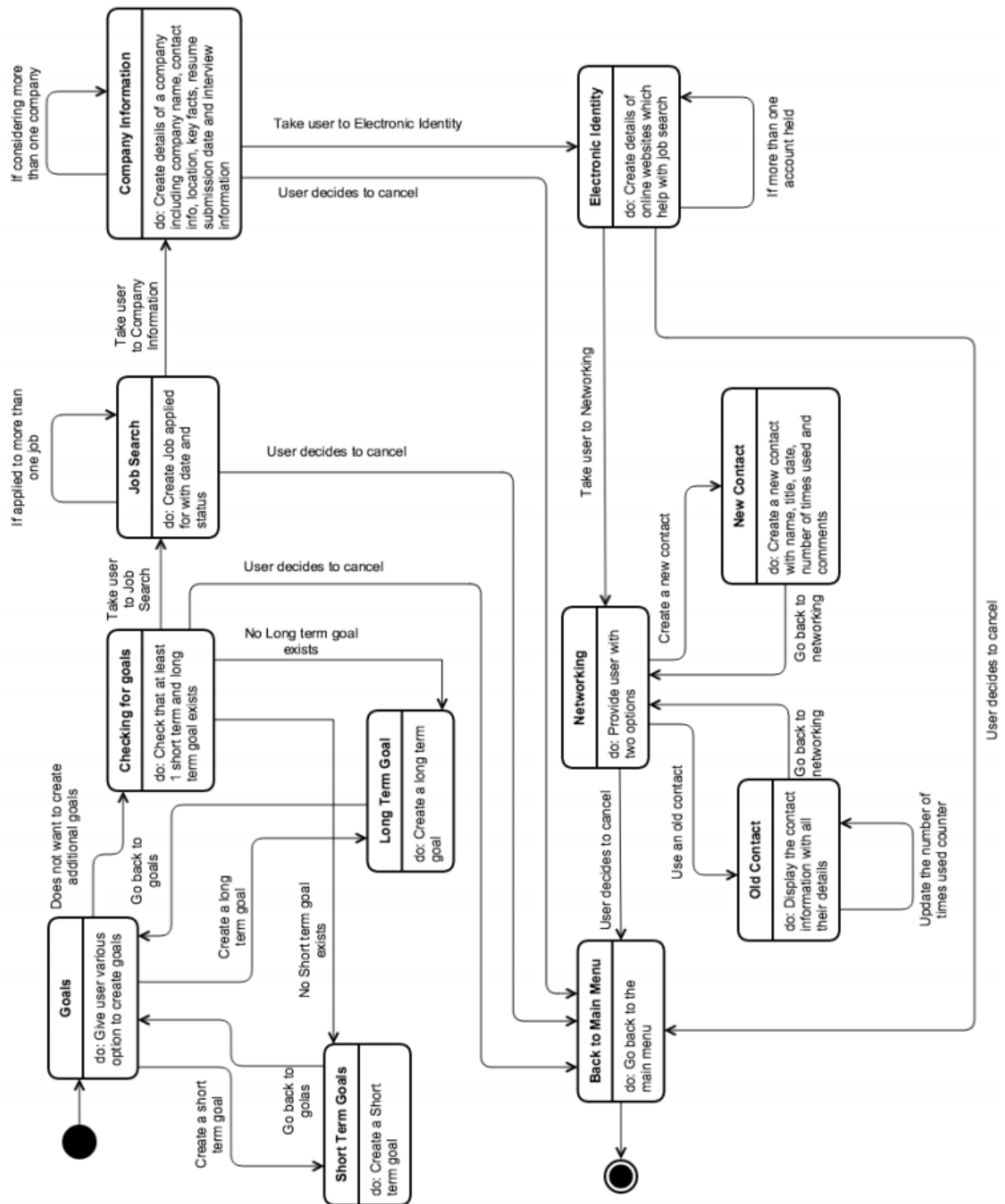
Android Version: 4.4 and above

5.2 UML DIAGRAMS

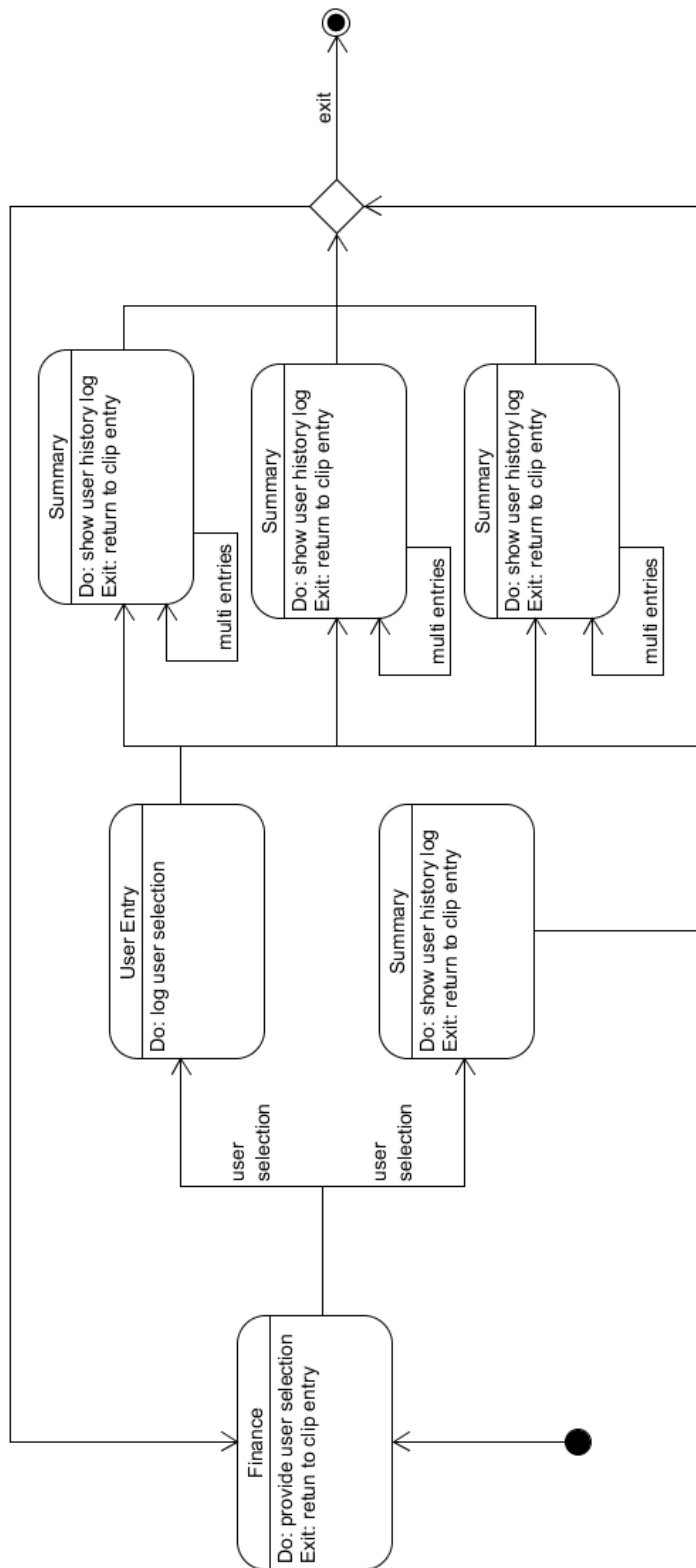
UML – State Transition Diagram – Login



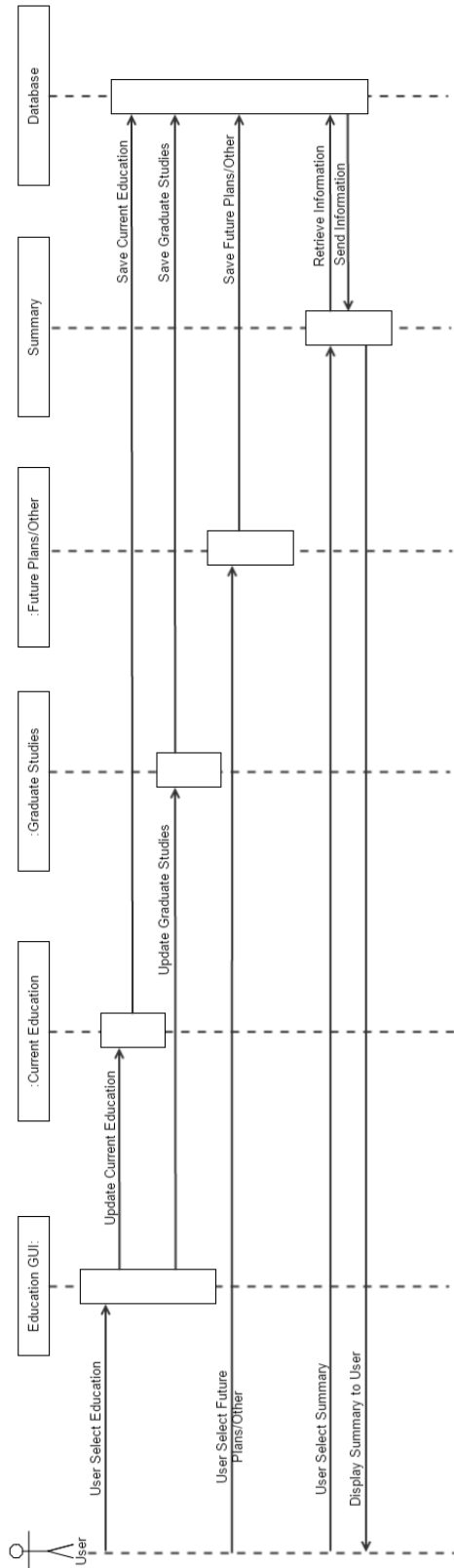
UML – State Transition Diagram – Career



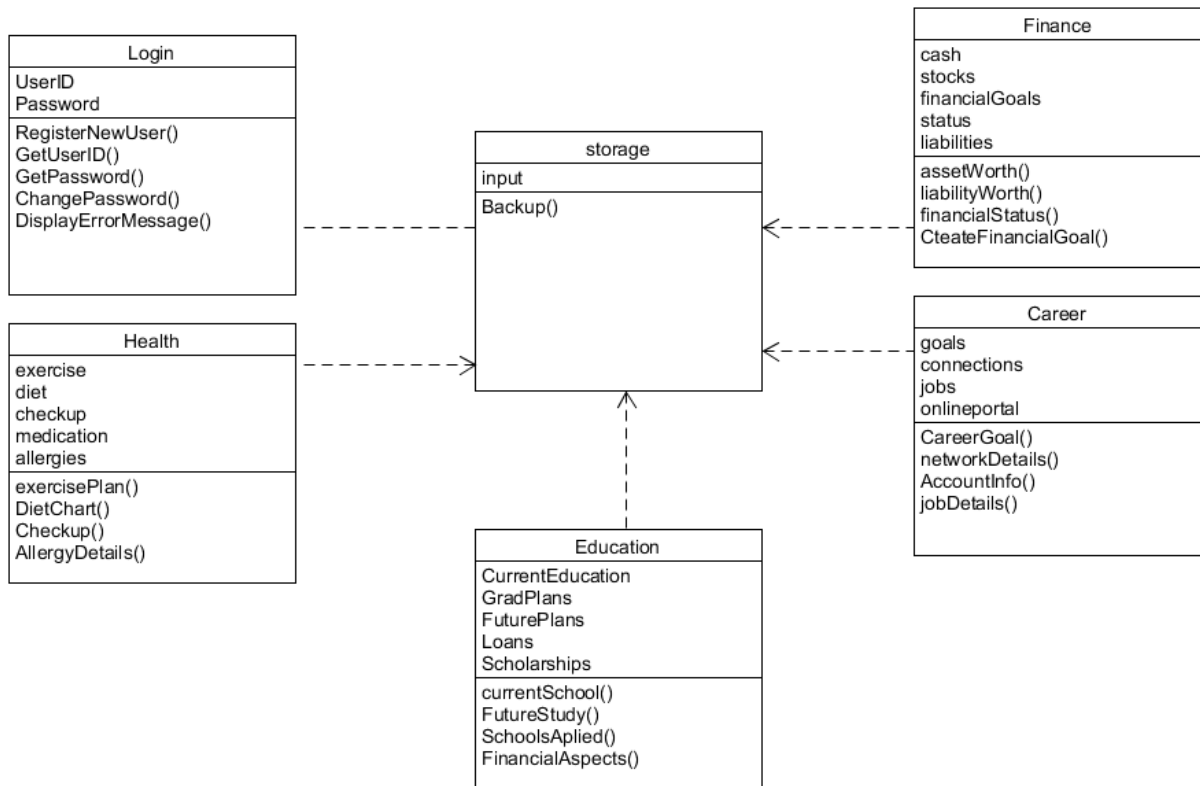
UML – State Transition Diagram – Finance



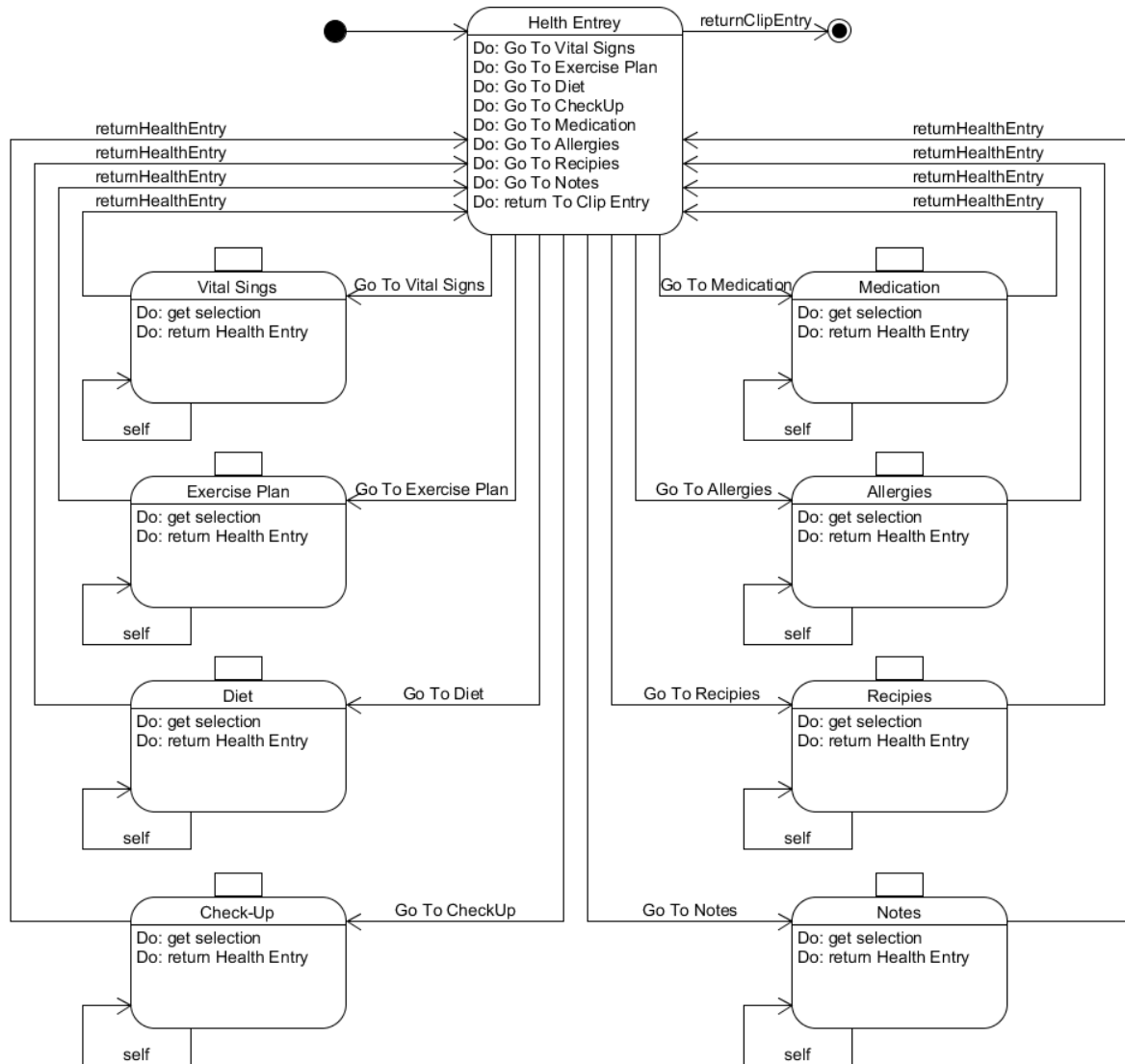
UML – Sequence Diagram – Education



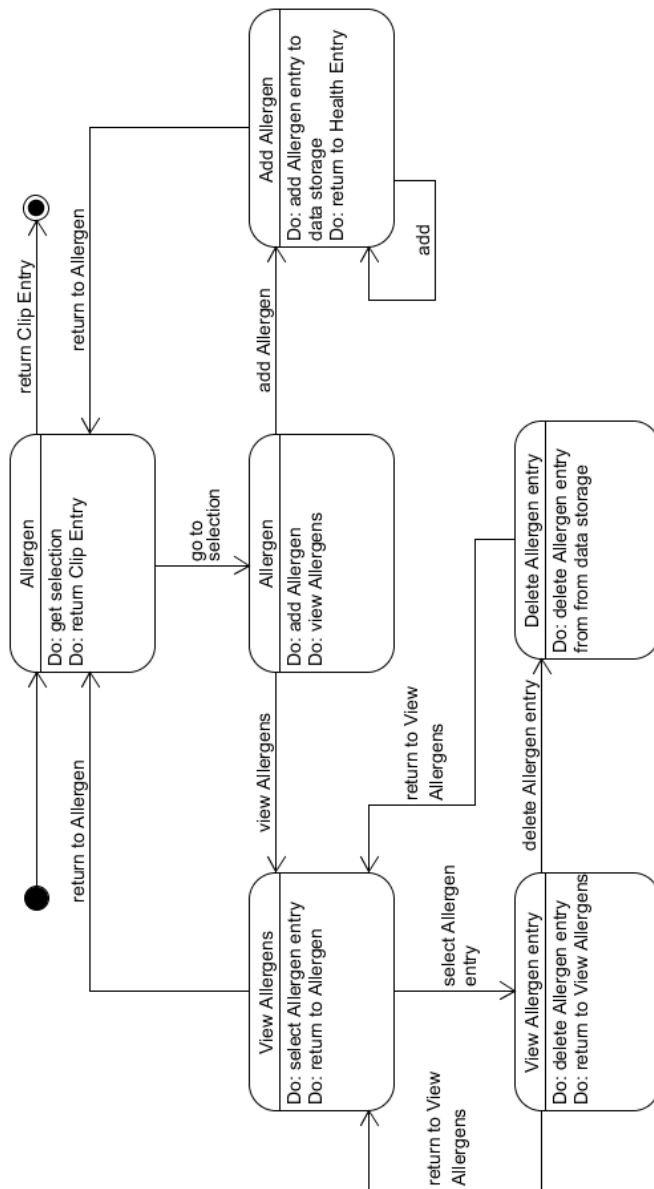
UML – Class Diagram – Data Storage



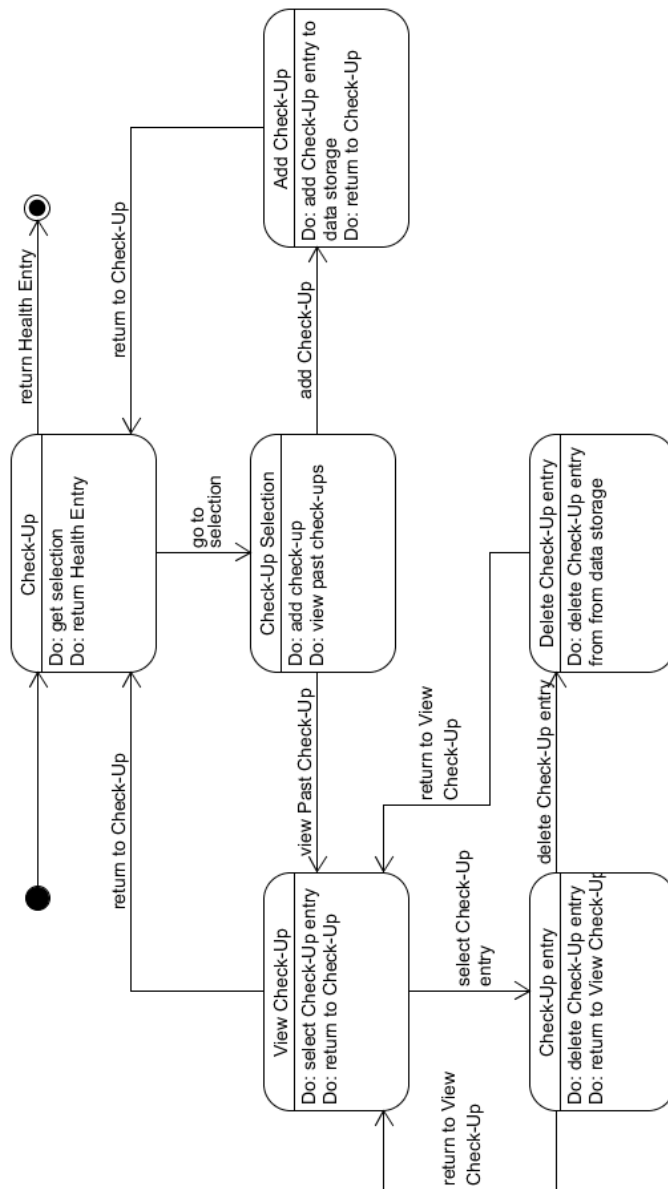
UML – State Transition Diagram – Health



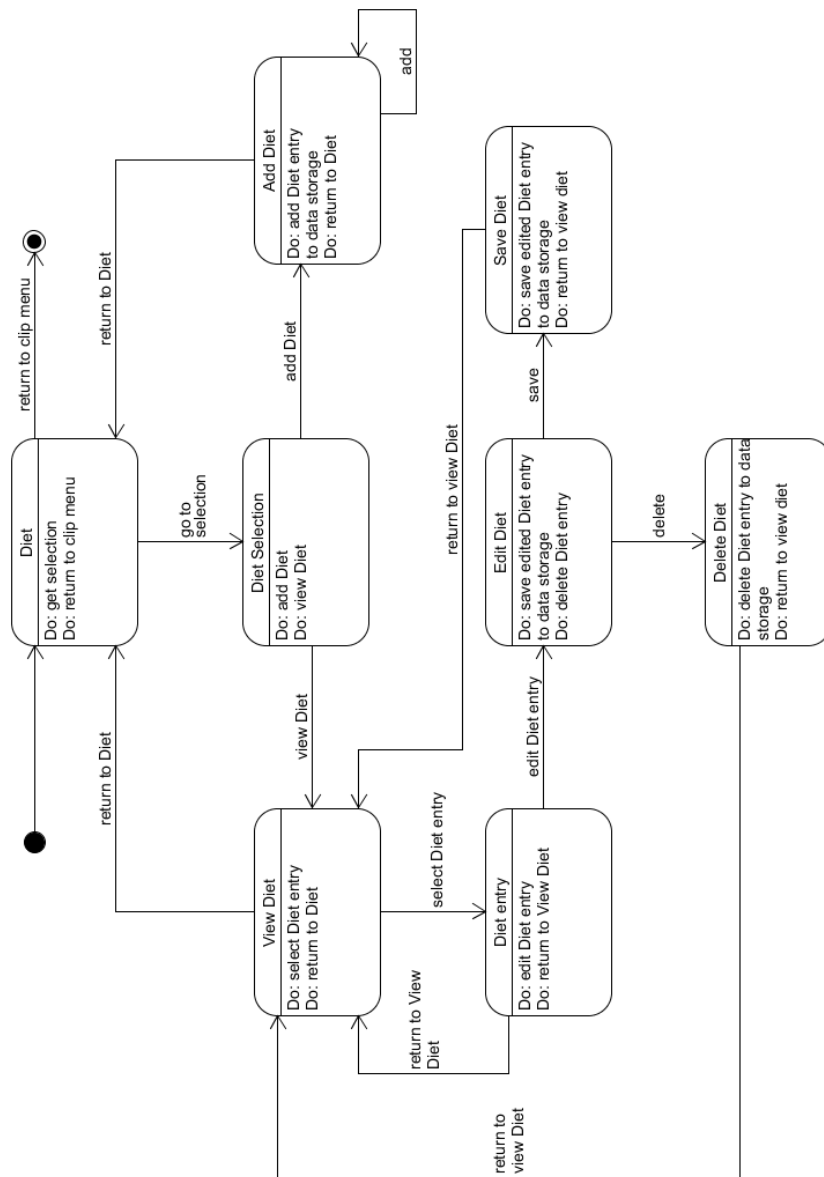
UML – State Transition Diagram – Allergen



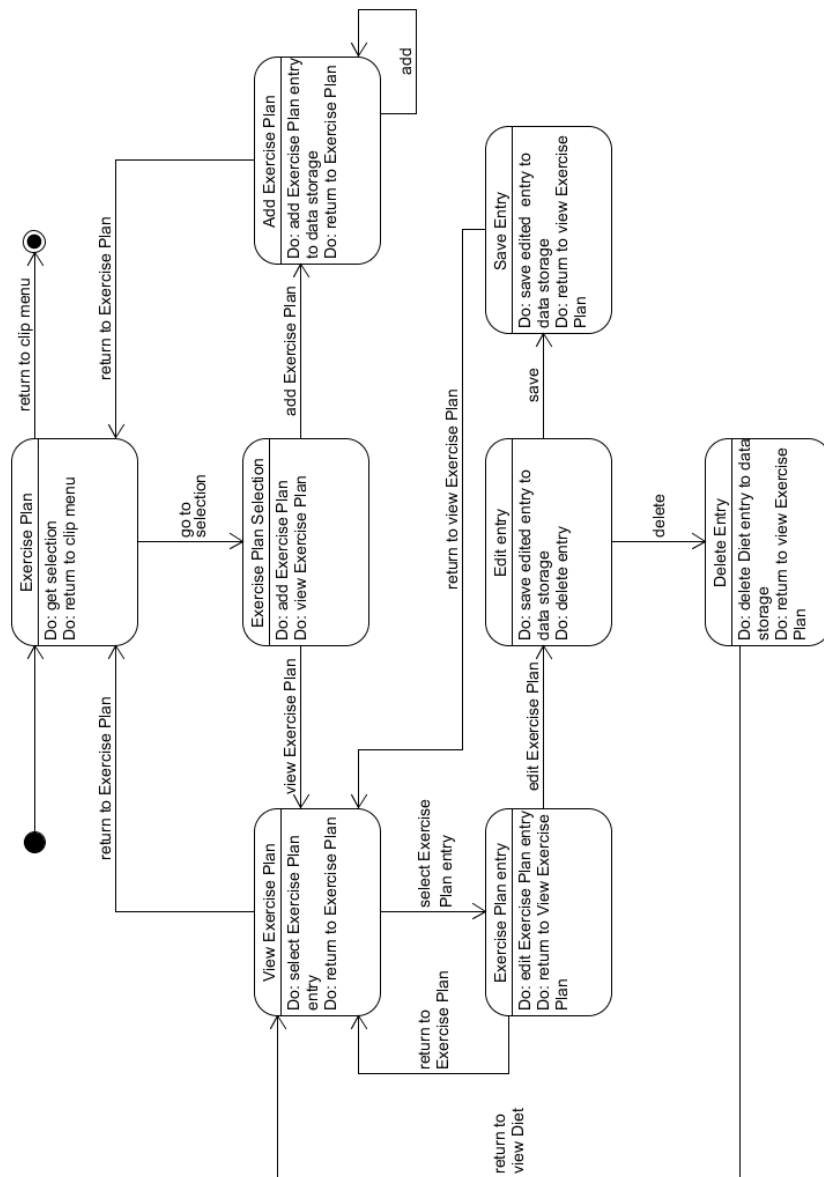
UML – State Transition Diagram – Check-Up



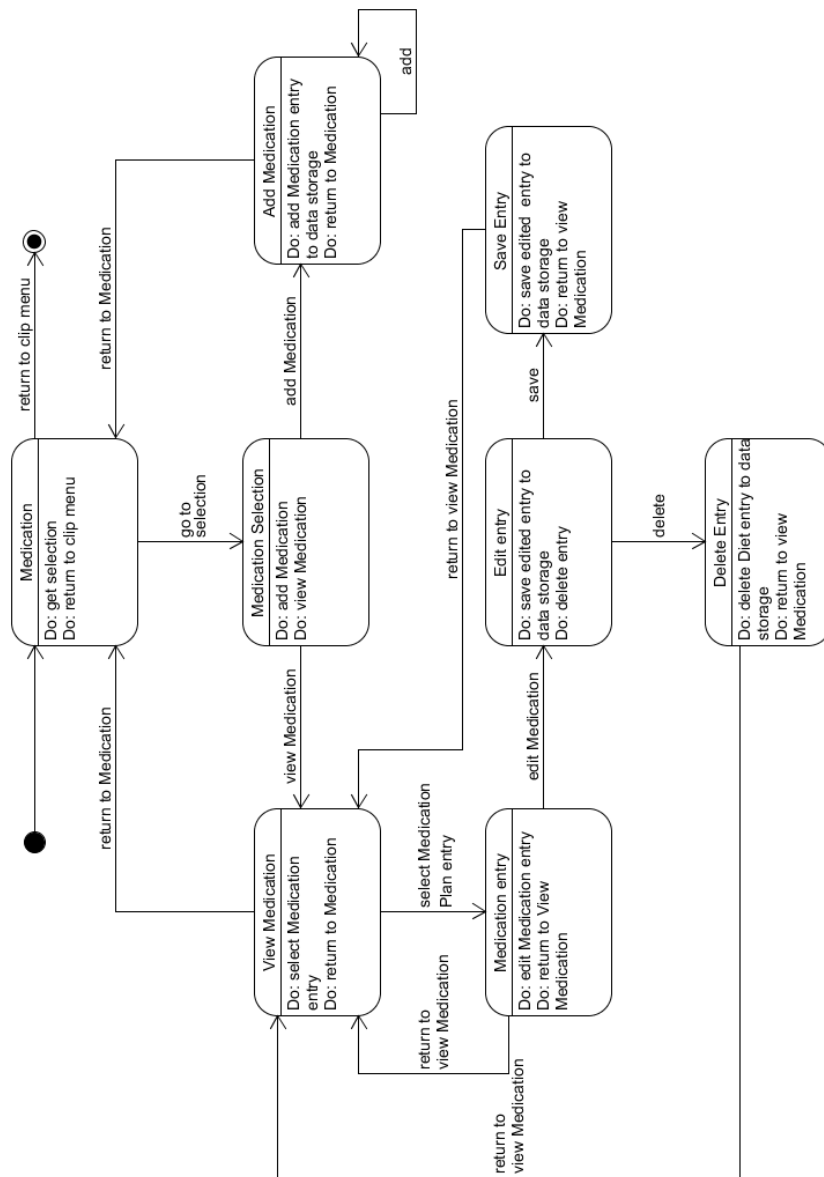
UML – State Transition Diagram – Diet



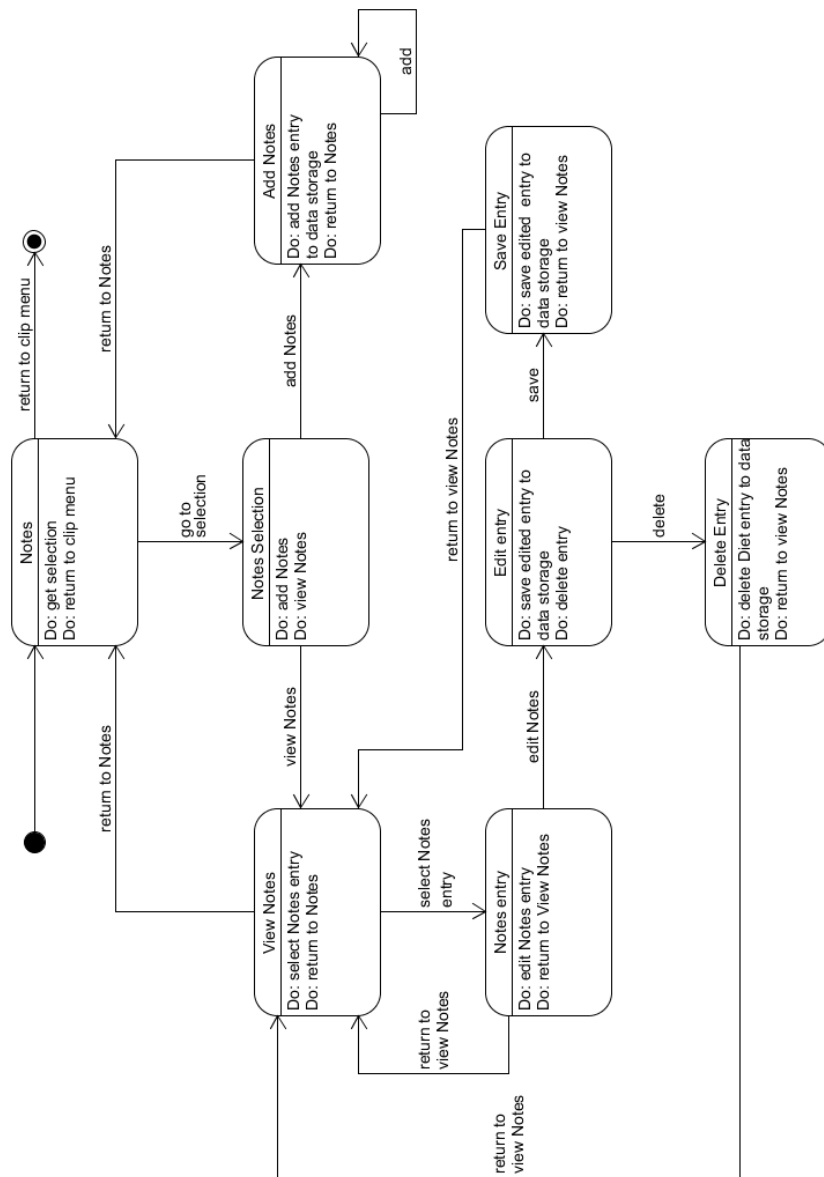
UML – State Transition Diagram – Exercise Plan



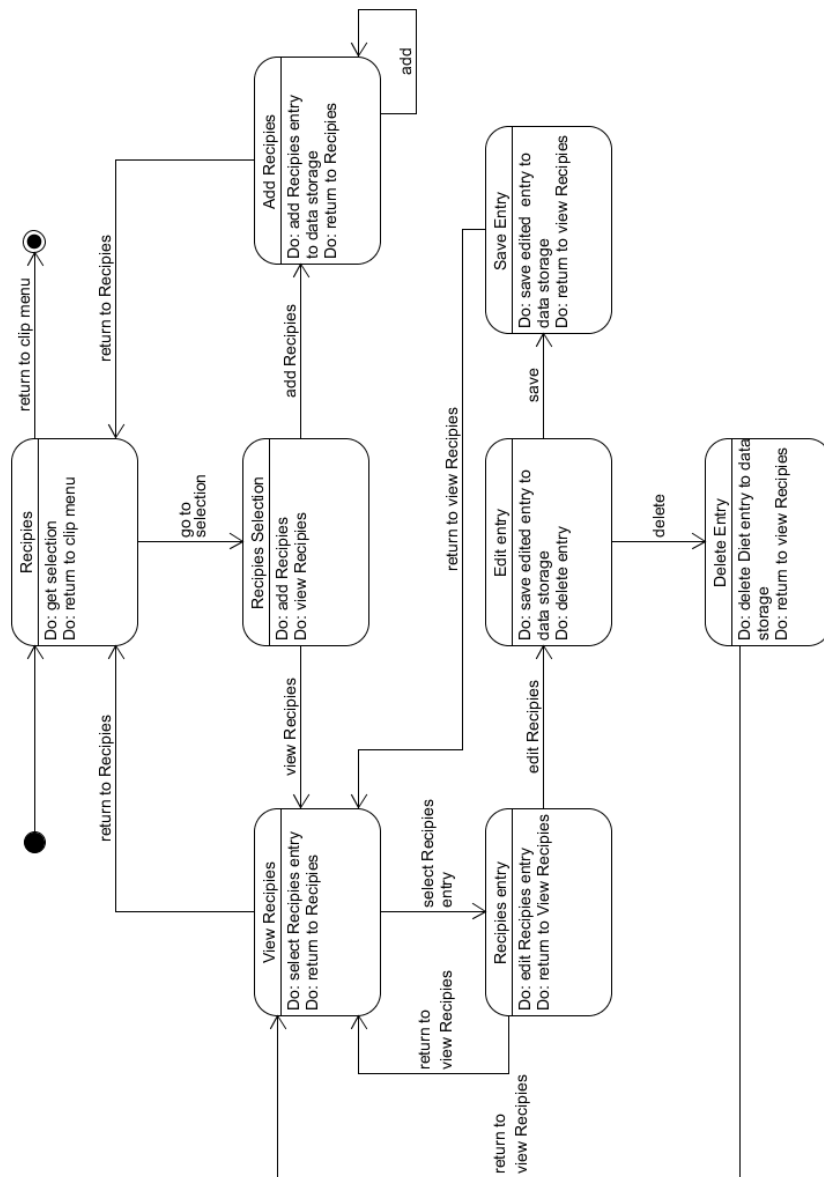
UML – State Transition Diagram – Medication



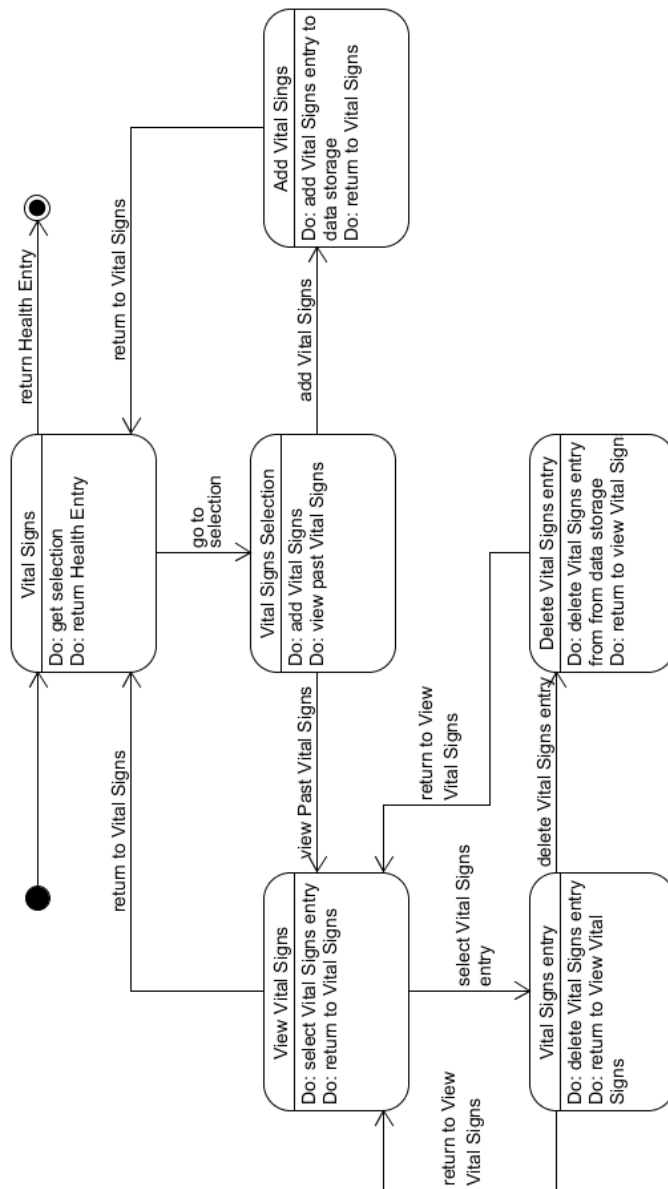
UML – State Transition Diagram – Notes



UML – State Transition Diagram – Recipes



UML – State Transition Diagram – Vital Signs



5.3 CONCEPTUAL DATA MODEL – DATA STORAGE (I.E. DATA ELEMENT AND HOW THEY ARE KEPT, I.E. IN A DATABASE, FILE, ETC.)

Stored locally via SQLite Database

5.4 SCREEN SHOTS

See User Manual Document

5.5 TEST PLAN

See Test Plan Document.

6. Assumptions and Constraints

6.1 ASSUMPTIONS

The following is a list of assumptions:

- Only US stocks are considered
- Ignore compliance issues
- Ignore network and system coverage/availability issues
- Financial Information in USD

6.2 CONSTRAINTS

The following is a list of constraints:

- Team lacks android experience
- Schedule very aggressive
- Team lacks access to android device

6.3 OUT OF SCOPE MATERIAL

The following is a list of “out of scope” material:

- Post Project maintenance is not covered
- Commercial distribution unavailable

7. Delivery and Schedule

Task/Milestone Description	Anticipated Start Date	Anticipated End Date	Status	Comments
Prepare Requirements and UML diagram	2/3/2015	2/26/2015	Complete	
SRA document (Includes project objectives and Requirements)	3/1/2015	4/01/2015	Complete	Deliverable will be the SRA document. All stakeholders agree on the content of the SRA by signing in section 8.
Screen design and Navigation	4/10/2015	4/15/2015	Complete	
Data storage Design	4/20/2015	4/30/2015	Not Complete	Mostly complete has minor errors
Implementation	4/20/2015	5/3/2015	Not Complete	A few Requirements not yet completed
Test Data Entry	4/22/2015	4/22/2015	Complete	
Test Plan Delivery	4/23/2015	4/23/2015	Complete	
Client presentations	4/23/2015	4/23/2015	Complete	
External Documentation (i.e. User Manual)	5/4/2015	5/5/2015	Complete	
Final Milestone: project delivery		5/7/2015	Complete	

8. Stakeholder Approval Form

Stakeholder Name	Stakeholder Role	Stakeholder Comments	Stakeholder Approval Signature and Date
Bahram Khalili	Development Mgr		
Mehrab Shahriar	Project Assistant		
Ahad Virani	Developer		
Zachary Allen	Developer		
Himank Yadav	Developer		
John Green	Developer		

Appendix:

None