nutrition intake has become increasingly challenging. There is a growing need for an efficient and user-friendly nutrition tracking system that helps individuals make informed dietary choices. The scope of this project is to develop a comprehensive nutrition tracking application that caters to the needs of health-conscious individuals and fitness enthusiasts. The current issues with existing nutrition tracking apps include limited food database, complicated user interfaces, and lack of personalized recommendations. Our goal is to create a user-friendly, data-driven solution that utilizes Visual Paradigm for project management and modeling purposes. This solution will enable users to easily track their calorie intake, macronutrients, and meal plans, providing personalized recommendations for a healthier lifestyle. The success of this project will be measured by user satisfaction, increased adoption rates, and improved dietary choices among our target audience."

1. Nutration Tracking
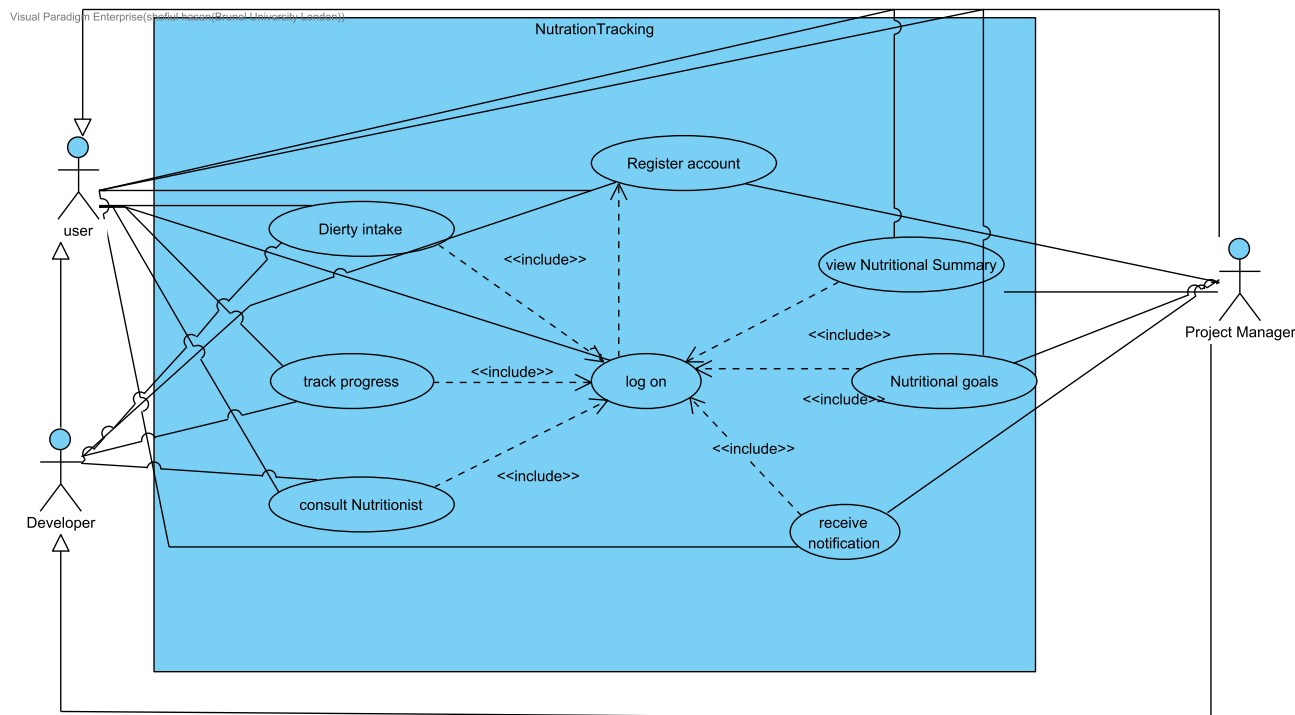
2. Developer

ID: AC51

3. NutrationTracking

4. Dierty intake

ID: UC88

4.1. Primary Actors

Developer, user

4.2. Details

Level	N/A

Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	N/A
Post-conditions	N/A
Author	N/A
Assumptions	N/A

4.3. Relationships

Relationship	From	To
--->\<\<include\>\>	🔵Dierty intake	🔵log on
——unnamed	🔵Dierty intake	👤 Developer
——unnamed	👤 user	🔵Dierty intake

🔵5. Nutritional goals

ID: UC90

5.1. Primary Actors

👤 Project Manager, 👤 user

5.2. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	N/A
Post-conditions	N/A
Author	N/A
Assumptions	N/A

5.3. Relationships

Relationship	From	To
--->\<\<include\>\>	🔵Nutritional goals	🔵log on
——unnamed	🔵Nutritional goals	👤 user
——unnamed	🔵Nutritional goals	👤 Project Manager

🔵6. Register account

ID: UC87

6.1. Primary Actors

♀ Developer, ♀ Project Manager, ♀ user

6.2. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	N/A
Post-conditions	N/A
Author	N/A
Assumptions	N/A

6.3. Relationships

Relationship	From	To
——unnamed	●Register account	♀ user
⇢unnamed	●log on	●Register account
——unnamed	♀ Project Manager	●Register account
——unnamed	♀ Developer	●Register account

●7. consult Nutritionist

ID: UC92

7.1. Primary Actors

♀ Developer, ♀ user

7.2. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	N/A
Post-conditions	N/A
Author	N/A
Assumptions	N/A

7.3. Relationships

Relationship	From	To
⇢<<include>>	●consult Nutritionist	●log on

	consult Nutritionist	⚥ user
—unnamed	🔵consult Nutritionist	⚥ user
—unnamed	🔵consult Nutritionist	⚥ Developer

🔵8. log on
ID: UC40

8.1. Primary Actors
⚥ user

8.2. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	N/A
Post-conditions	N/A
Author	N/A
Assumptions	N/A

8.3. Relationships

Relationship	From	To
···><<include>>	🔵Dierty intake	🔵log on
···><<include>>	🔵track progress	🔵log on
···><<include>>	🔵Nutritional goals	🔵log on
···><<include>>	🔵receive notification	🔵log on
···><<include>>	🔵consult Nutritionist	🔵log on
···><<include>>	🔵view Nutritional Summary	🔵log on
···>unnamed	🔵log on	🔵Register account
—unnamed	🔵log on	⚥ user

🔵9. receive notification
ID: UC39

9.1. Primary Actors
⚥ Project Manager, ⚥ user

9.2. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	N/A
Post-conditions	N/A
Author	N/A
Assumptions	N/A

9.3. Relationships

Relationship	From	To
--->`<<include>>`	⬤receive notification	⬤log on
——unnamed	⬤receive notification	👤 user
——unnamed	⬤receive notification	👤 Project Manager

⬤10. track progress

ID: UC91

10.1. Primary Actors

👤 Developer, 👤 user

10.2. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	N/A
Post-conditions	N/A
Author	N/A
Assumptions	N/A

10.3. Relationships

Relationship	From	To
--->`<<include>>`	⬤track progress	⬤log on
——unnamed	⬤track progress	👤 user
——unnamed	⬤track progress	👤 Developer

⬤11. view Nutritional Summary

ID: UC89

11.1. Primary Actors

⚥ Project Manager, ⚥ user

11.2. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	N/A
Post-conditions	N/A
Author	N/A
Assumptions	N/A

11.3. Relationships

Relationship	From	To
--->\<\<include>>	⬤view Nutritional Summary	⬤log on
—unnamed	⬤view Nutritional Summary	⚥ user
—unnamed	⚥ Project Manager	⬤view Nutritional Summary

⚥ 12. Project Manager

ID: AC52

⚥ 13. user

ID: AC50

14. Dierty intake

User

user

log on

Dierty intake

Age

Storage

whenSuc

1: user ID

1.1: matching User ID

1.2: ID match

2: diteChart()

1.3: passwordContent()

2.1: password:string

2.1.1: matchingPassword

2.1.3: HomePage()

2.1.2: passwordMatch

2.2: select age

2.3: confirmAge

2.4: dieting chart

2.5: showDiteChart()

[notsuccesslogin]

3: (2.2.2):passwordNotMatch()
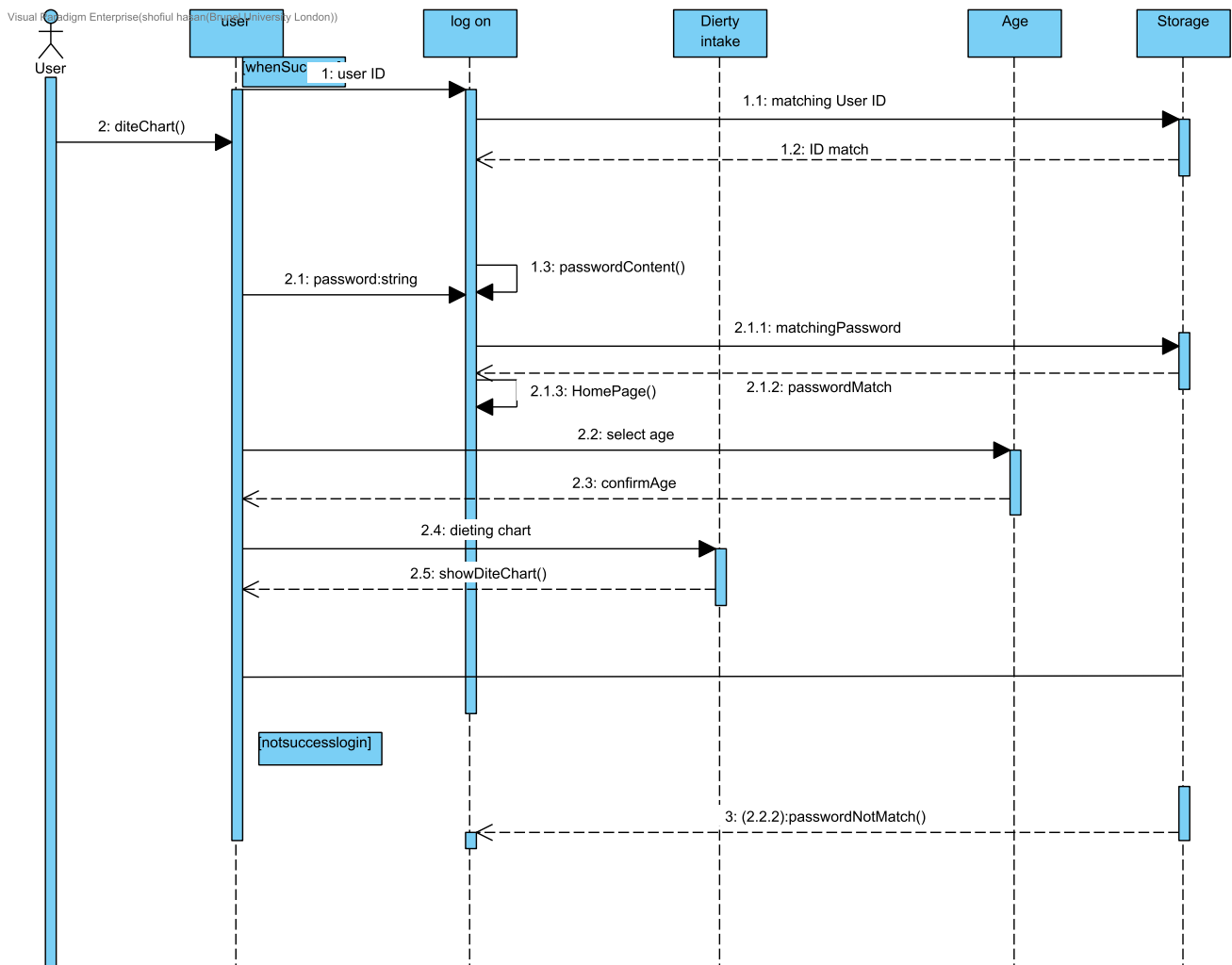
15. projectmanagingSequenceDiagram

manager

login

summary

goals

notification

1:

2: ID match

3:

3.1:

4:

4.1:

4.2: