

myFridge API

Resources

GET /MyFridgeServer/food/{barcode}

PUT /MyFridgeServer/user/register

GET /MyFridgeServer/user

POST /MyFridgeServer/user

DELETE /MyFridgeServer/user

PUT /MyFridgeServer/userFood/{barcode}/{expiryDate}/{userId}

POST /MyFridgeServer/userFood/{userFoodId}/{expiryDate}

DELETE /MyFridgeServer/userFood/{userFoodId}

GET /MyFridgeServer/userFood/all

DELETE /MyFridgeServer/userFood/all

Examples

User resource

Register user account request

```
PUT /MyFridgeServer/user/register HTTP/1.1
Content-Length: 145
Content-Type: application/xml
Host: solaris.bot.nu:8081
Connection: Keep-Alive

<user>
  <eMail>test@test.com</eMail>
  <username>test</username>
  <password>123456</password>
  <notifications>true</notifications>
</user>
```

Response

```
HTTP/1.1 200 OK
Content-Length: 0
Server: Jetty(9.0.1.v20130408)
```

Login request

```
GET /MyFridgeServer/user HTTP/1.1
Host: solaris.bot.nu:8081
Connection: Keep-Alive
Authorization: Basic dGVzdDoxMjM0NTY=
```

Response

```
HTTP/1.1 200 OK
Content-Type: application/xml
Content-Length: 183
Server: Jetty(9.0.1.v20130408)

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<user>
  <notifications>true</notifications>
```

```
<password>123456</password>
<username>test</username>
<eMail>test@test.com</eMail>
</user>
```

Modify user data request

```
POST /MyFridgeServer/user HTTP/1.1
Content-Length: 146
Content-Type: application/xml
Host: solaris.bot.nu:8081
Connection: Keep-Alive
Authorization: Basic dGVzdDoxMjM0NTY=

<user>
  <eMail>test@test.com</eMail>
  <username>test</username>
  <password>1234567</password>
  <notifications>true</notifications>
</user>
```

Response

```
HTTP/1.1 200 OK
Content-Length: 0
Server: Jetty(9.0.1.v20130408)
```

Delete user account request

```
DELETE /MyFridgeServer/user HTTP/1.1
Host: solaris.bot.nu:8081
Connection: Keep-Alive
Authorization: Basic dGVzdDoxMjM0NTY3
```

Response

```
HTTP/1.1 200 OK
Content-Length: 0
Server: Jetty(9.0.1.v20130408)
```

Food resource

Search barcode request

```
GET /MyFridgeServer/food/3859889940153 HTTP/1.1
Host: solaris.bot.nu:8081
Connection: Keep-Alive
Authorization: Basic dGVzdDoxMjM0NTY=
```

Response

```
HTTP/1.1 200 OK
Content-Type: application/xml
Transfer-Encoding: chunked
Server: Jetty(9.0.1.v20130408)
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<foodItem>
  <barcode>3859889940153</barcode>
  <description>Instant suhi pekarski kvasac...</description>
  <id>1</id>
  <imageLarge>R0lGODlhjwCPAPcAADswNUc40VY7P...</imageLarge>
  <imageSmall>R0lGODlhPAA8APcAAEY7PFpCPVNGR...</imageSmall>
  <manufacturer>PODRAVKA d.d.</manufacturer>
  <name>Suhi Digo kvasac 5x7 g Podravka</name>
</foodItem>
```

User food resource

Add food to user food request

```
PUT /MyFridgeServer/userFood/3859889940153/11-07-2013/3 HTTP/1.1
Content-Length: 0
Host: solaris.bot.nu:8081
Connection: Keep-Alive
Authorization: Basic dGVzdDoxMjM0NTY=
```

Response

```
HTTP/1.1 200 OK
Content-Type: application/xml
Transfer-Encoding: chunked
Server: Jetty(9.0.1.v20130408)

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<userFood>
  <dateExpiry>2013-07-11T00:00:00+02:00</dateExpiry>
  <food>
    <barcode>3859889940153</barcode>
    <description>Instant suhi pekarski kvasac proizvodi se iz...</description>
    <id>1</id>
    <imageLarge>R0lGODlhjwCPAPcAADswNUc40VY7P...</imageLarge>
    <imageSmall>R0lGODlhPAA8APcAAEY7PFpCPVNGR... </imageSmall>
    <manufacturer>PODRAVKA d.d.</manufacturer>
    <name>Suhi Digo kvasac 5x7 g Podravka</name>
  </food>
  <id>262144</id>
  <validAfterOpening>3</validAfterOpening>
</userFood>
```

Modify user food request

```
POST /MyFridgeServer/userFood/262144/10-06-2013 HTTP/1.1
Content-Length: 0
Host: solaris.bot.nu:8081
Connection: Keep-Alive
Authorization: Basic dGVzdDoxMjM0NTY=
```

Response

```
HTTP/1.1 200 OK
Content-Length: 0
```

Server: Jetty(9.0.1.v20130408)

Delete user food request

DELETE /MyFridgeServer/userFood/262144 HTTP/1.1
Host: solaris.bot.nu:8081
Connection: Keep-Alive
Authorization: Basic dGVzdDoxMjM0NTY=

Response

HTTP/1.1 200 OK
Content-Length: 0
Server: Jetty(9.0.1.v20130408)

Retrieve all user food request

GET /MyFridgeServer/userFood/all HTTP/1.1
Host: solaris.bot.nu:8081
Connection: Keep-Alive
Authorization: Basic dGVzdDoxMjM0NTY=

Response

HTTP/1.1 200 OK
Content-Type: application/xml
Transfer-Encoding: chunked
Server: Jetty(9.0.1.v20130408)

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<userFoods>
  <userFood>
    <dateExpiry>2013-06-11T00:00:00+02:00</dateExpiry>
    <food>
      <barcode>3859889940153</barcode>
      <description>Instant suhi pekarski kvasac...</description>
      <id>1</id>
      <imageLarge>R0lGODlhjwCPAPcAADswNUc40VY7P...</imageLarge>
      <imageSmall>R0lGODlhPAA8APcAAEY7PFpCPVNGR...</imageSmall>
      <manufacturer>PODRAVKA d.d.</manufacturer>
      <name>Suhi Digo kvasac 5x7 g Podravka</name>
    </food>
    <id>262145</id>
    <validAfterOpening>3</validAfterOpening>
  </userFood>

  <userFood>
    <dateExpiry>2013-06-11T00:00:00+02:00</dateExpiry>
    <food>
      <barcode>3850104073724</barcode>
      <description>Pelati su olju..teni, cijeli...</description>
      <id>32768</id>
      <imageLarge>R0lGODlhjwCPAPcAABwZLhcYODMbK...</imageLarge>
      <imageSmall>R0lGODlhPAA8APcAABobOxUWNi8cM...</imageSmall>
      <manufacturer>PODRAVKA d.d.</manufacturer>
      <name>Raj..ica pelat 400 g Podravka</name>
```

```
</food>
<id>262146</id>
<validAfterOpening>3</validAfterOpening>
</userFood>

<userFood>
  <dateExpiry>2013-05-11T00:00:00+02:00</dateExpiry>
  <food>
    <barcode>5997381317672</barcode>
    <description>Divno i ..okoladno ... takav...</description>
    <id>32769</id>
    <imageLarge>Ap90wp066DcMADL4ADMAQDL1wCEqA...</imageLarge>
    <imageSmall>R01GOD1hPAA8APcAAGs1N2w3OXQ50...</imageSmall>
    <manufacturer>DR. OETKER d.o.o. P.P. 51</manufacturer>
    <name>Puding od ..okolada x3 147g Dr Oetker</name>
  </food>
  <id>262147</id>
  <validAfterOpening>3</validAfterOpening>
</userFood>
</userFoods>
```

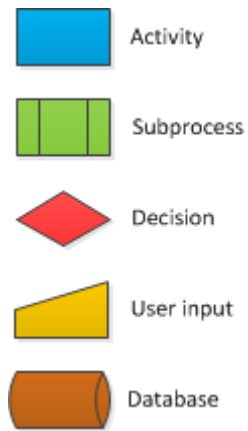
Delete all user food request

```
DELETE /MyFridgeServer/userFood/all HTTP/1.1
Host: solaris.bot.nu:8081
Connection: Keep-Alive
Authorization: Basic dGVzdDoxMjM0NTY=
```

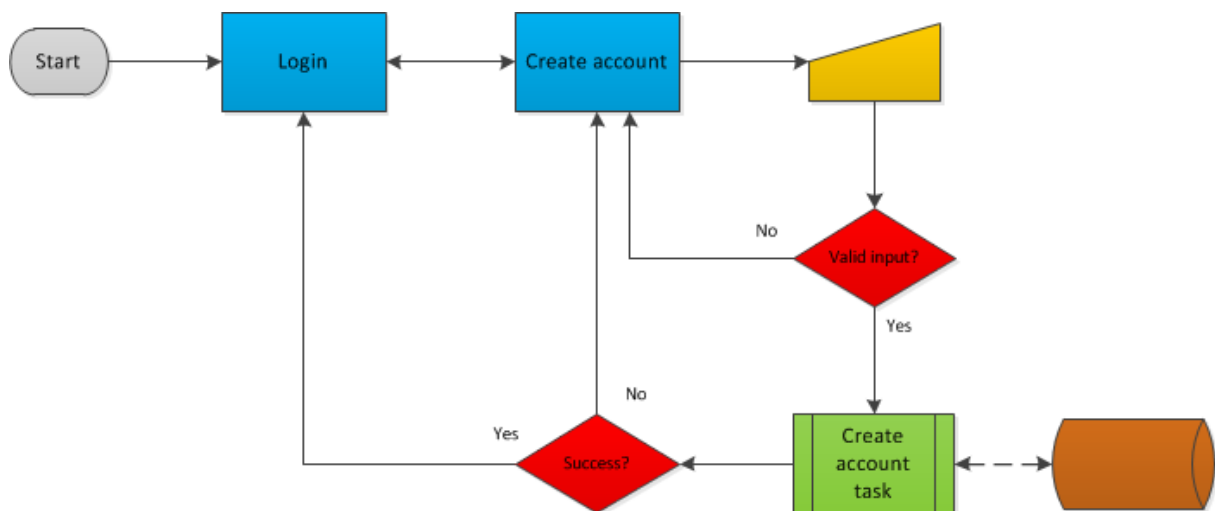
Response

```
HTTP/1.1 200 OK
Content-Length: 0
Server: Jetty(9.0.1.v20130408)
```

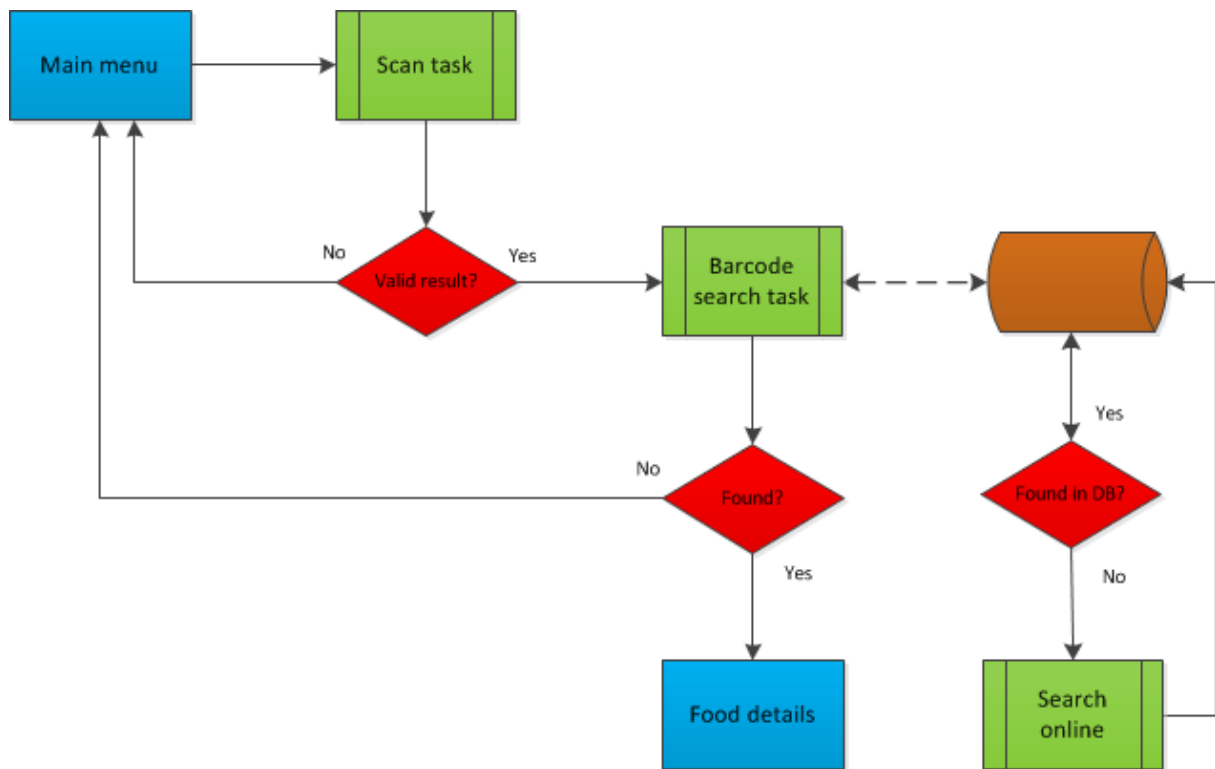
Client application flow charts



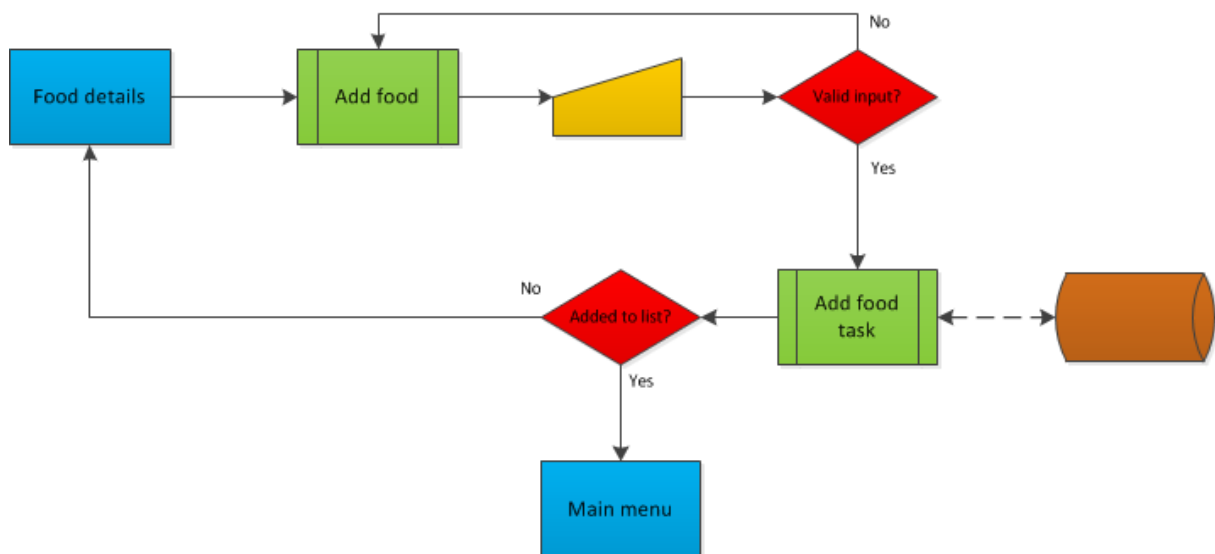
Picture 1. Flow chart legend



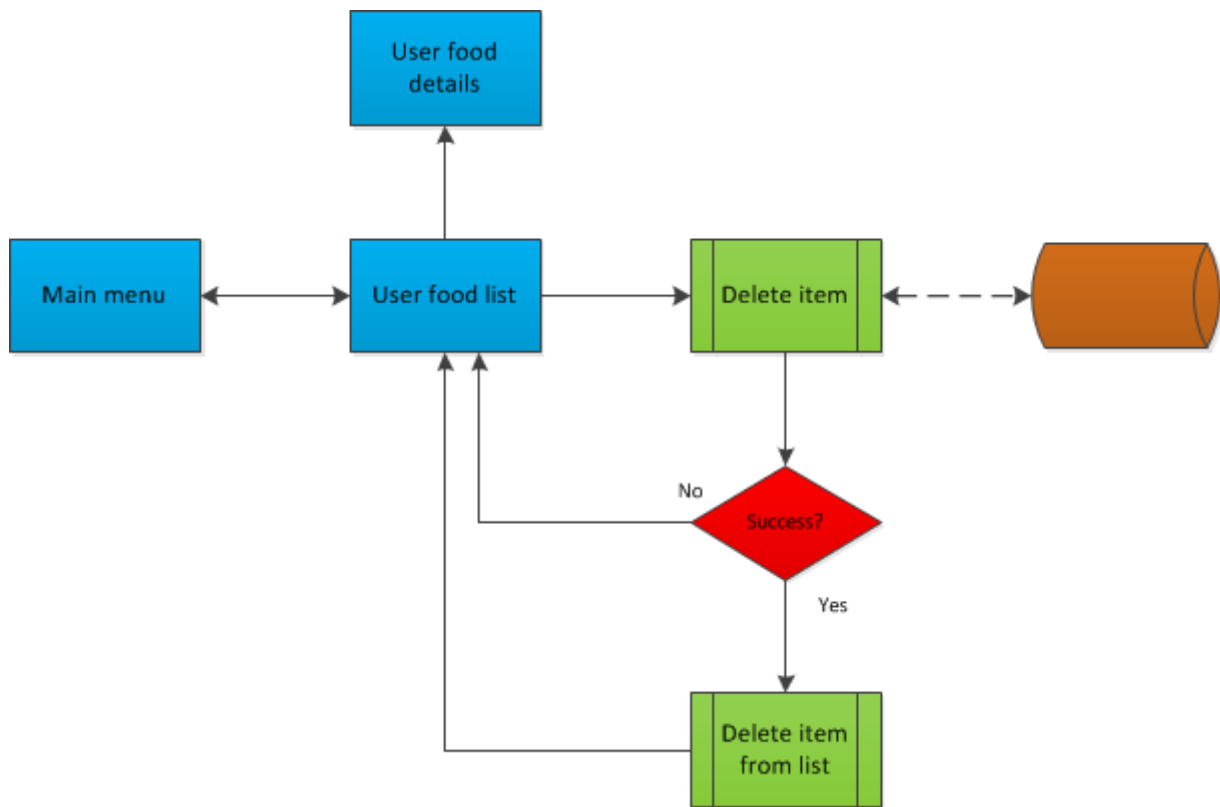
Picture 2. Create user account



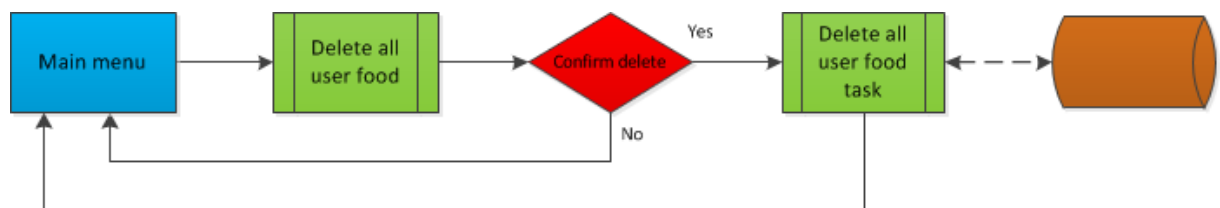
Picture 5. Scan and search barcode



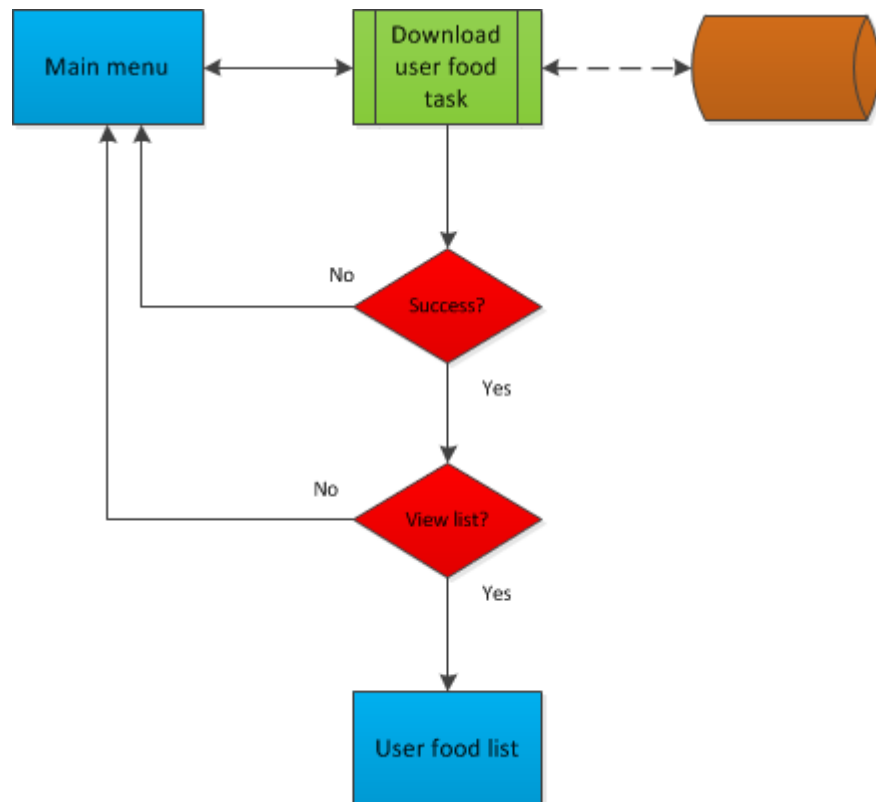
Picture 6. Adding food item to user food list



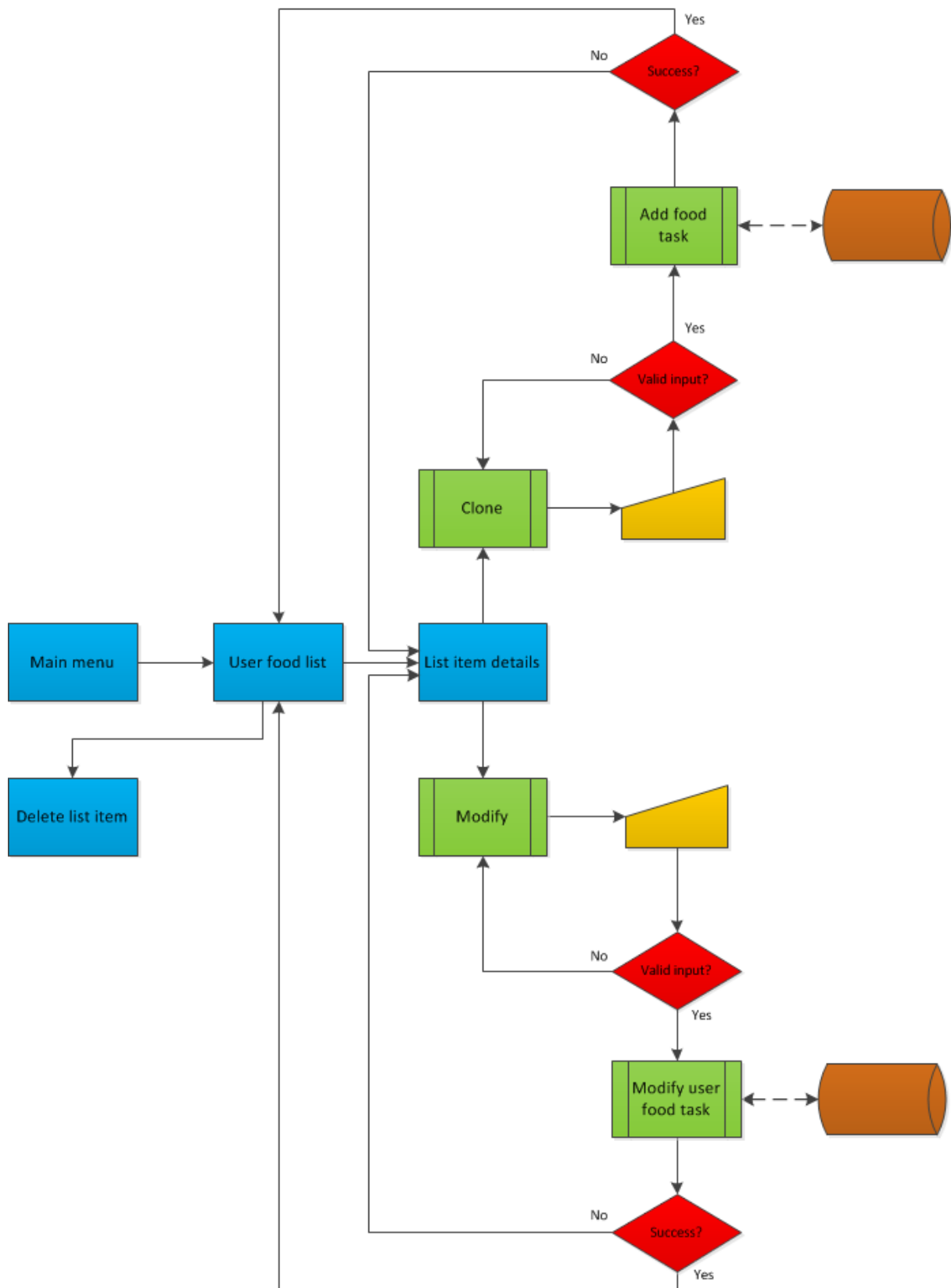
Picture 7. Delete a single user food item



Picture 8. Delete the entire user food list



Picture 9. Download user food list



Picture 10. User food list view, list item details view, modifying and cloning user food items