



CS319 – Object-Oriented Software Engineering  
D2 Report  
Section 3  
Team 4 – FACID

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## 1) Class Diagram

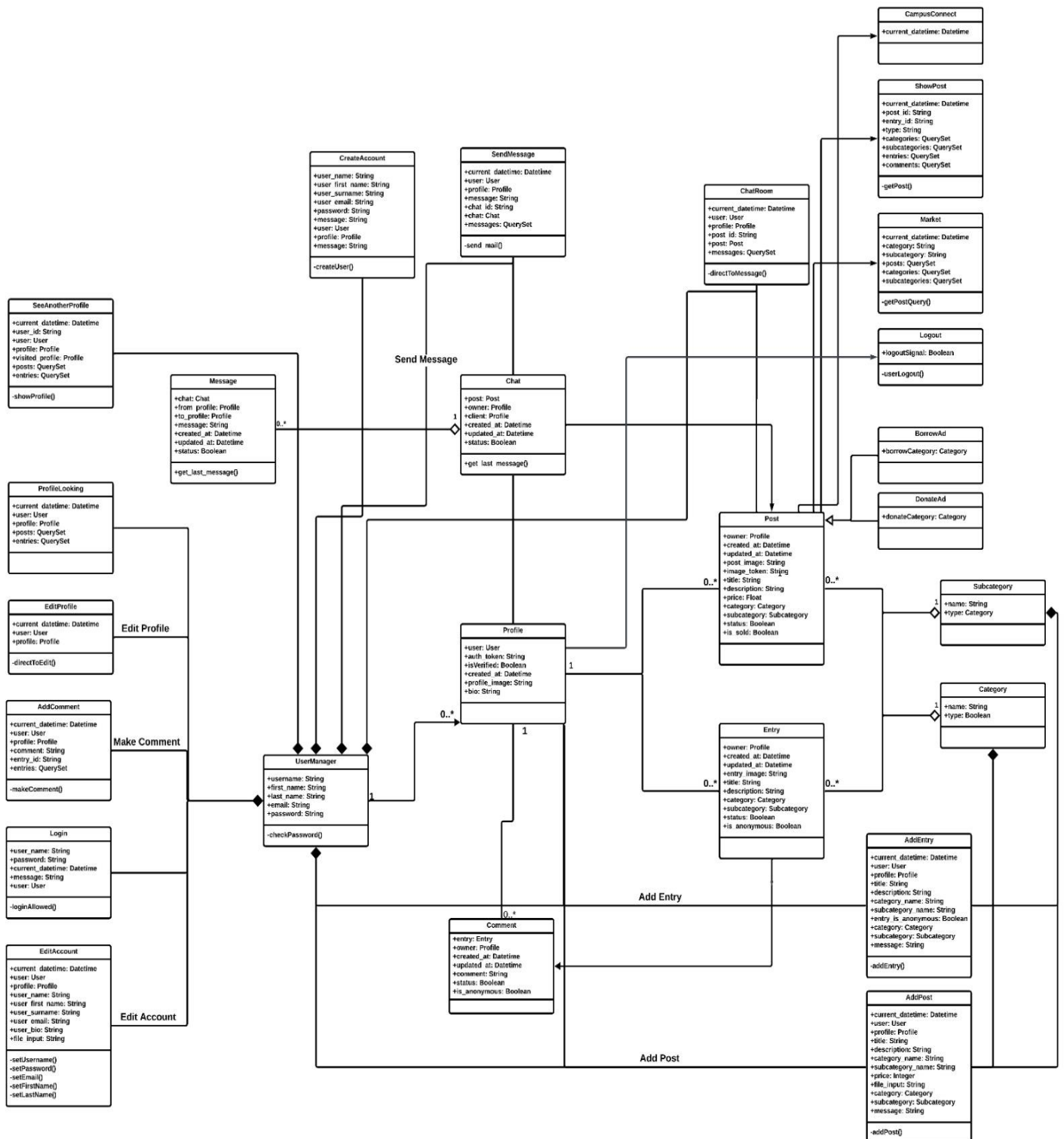


Figure 1: CampusConnect class diagram

## 2)Sequence Diagrams

### 2.1) Sequence diagram of forum feature

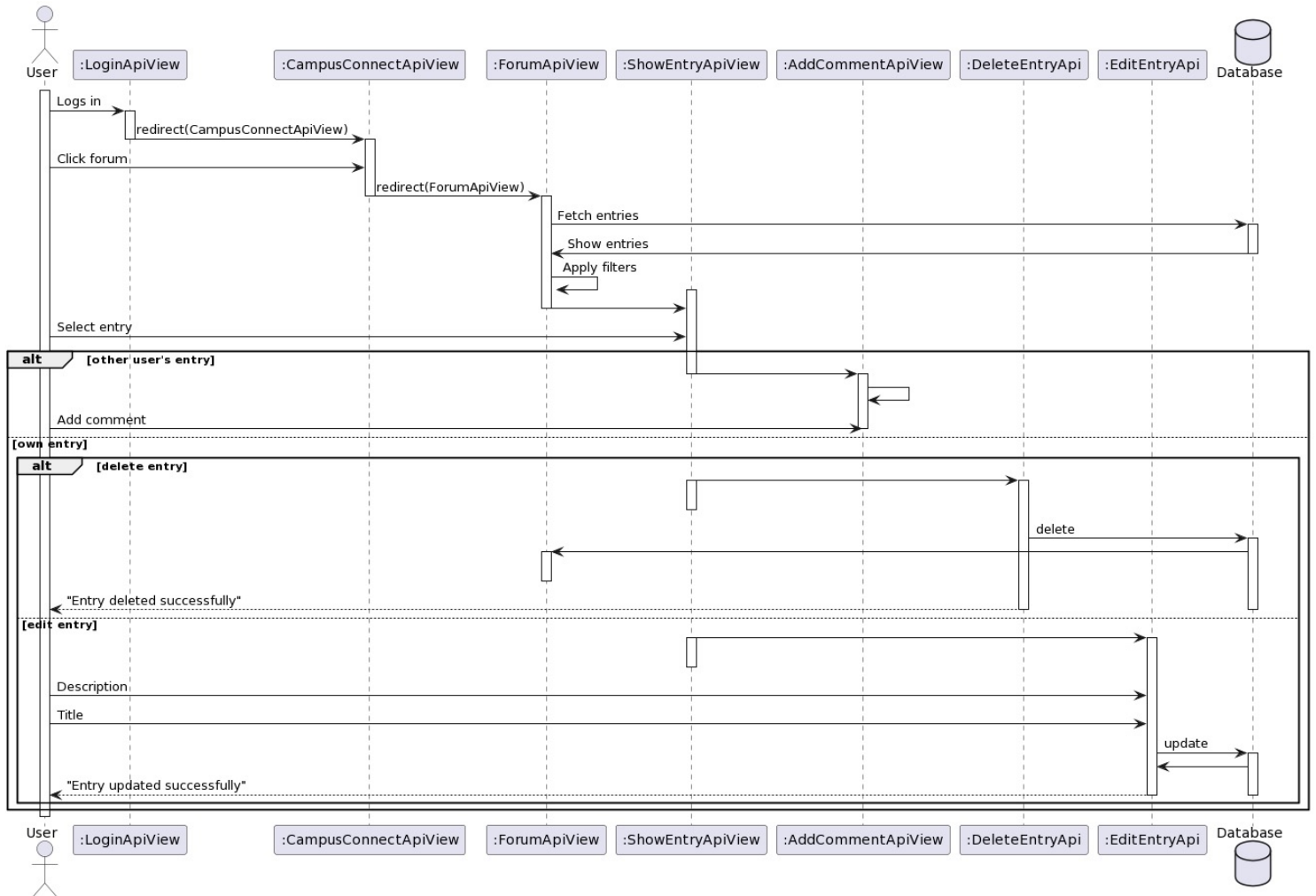


Figure 2: CampusConnect forum feature sequence diagram

## 2.2) Sequence diagram of market, editing and deleting features

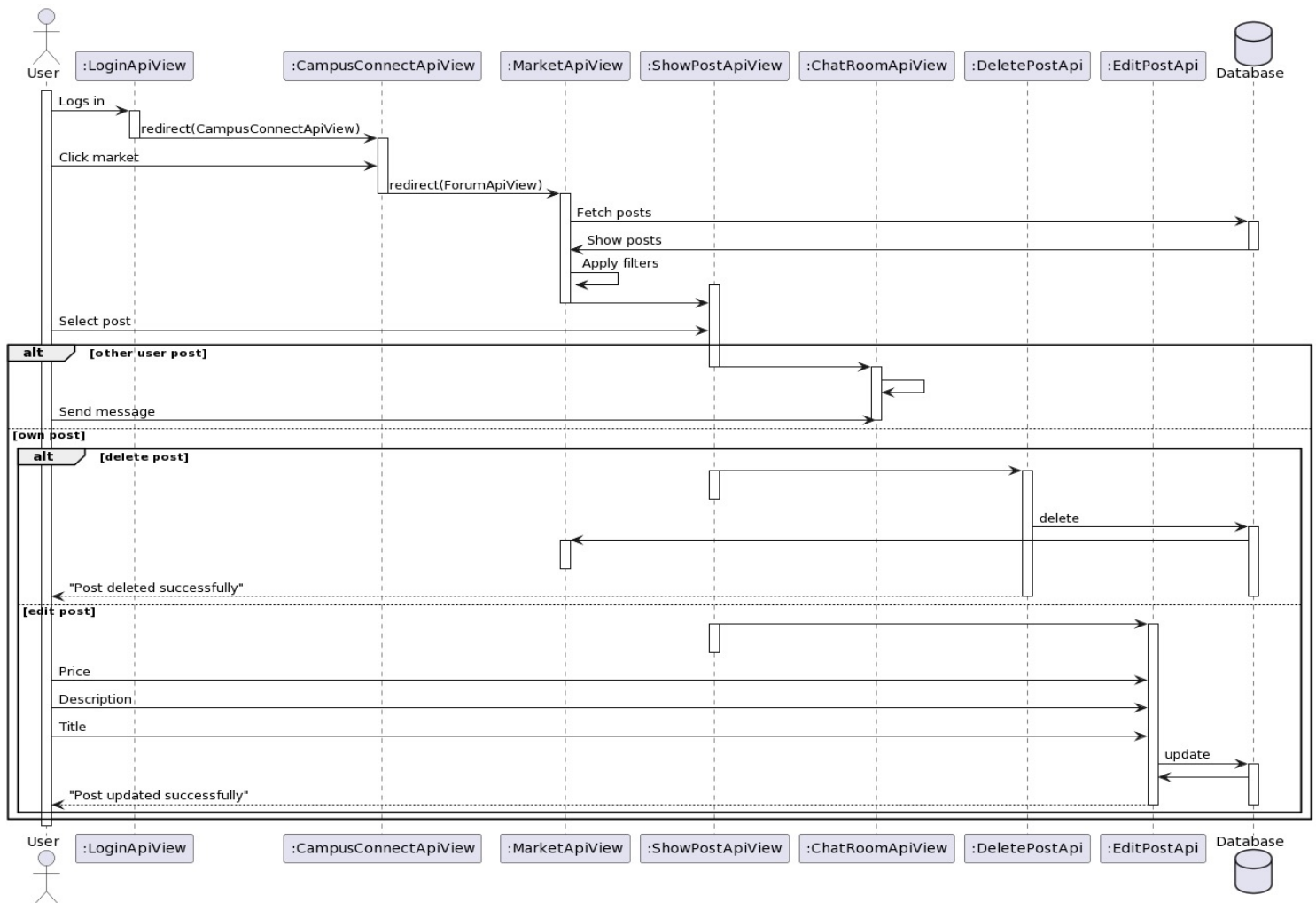


Figure 3: CampusConnect market, editing and deleting feature sequence diagram

## 2.3) Sequence diagram of borrowing features

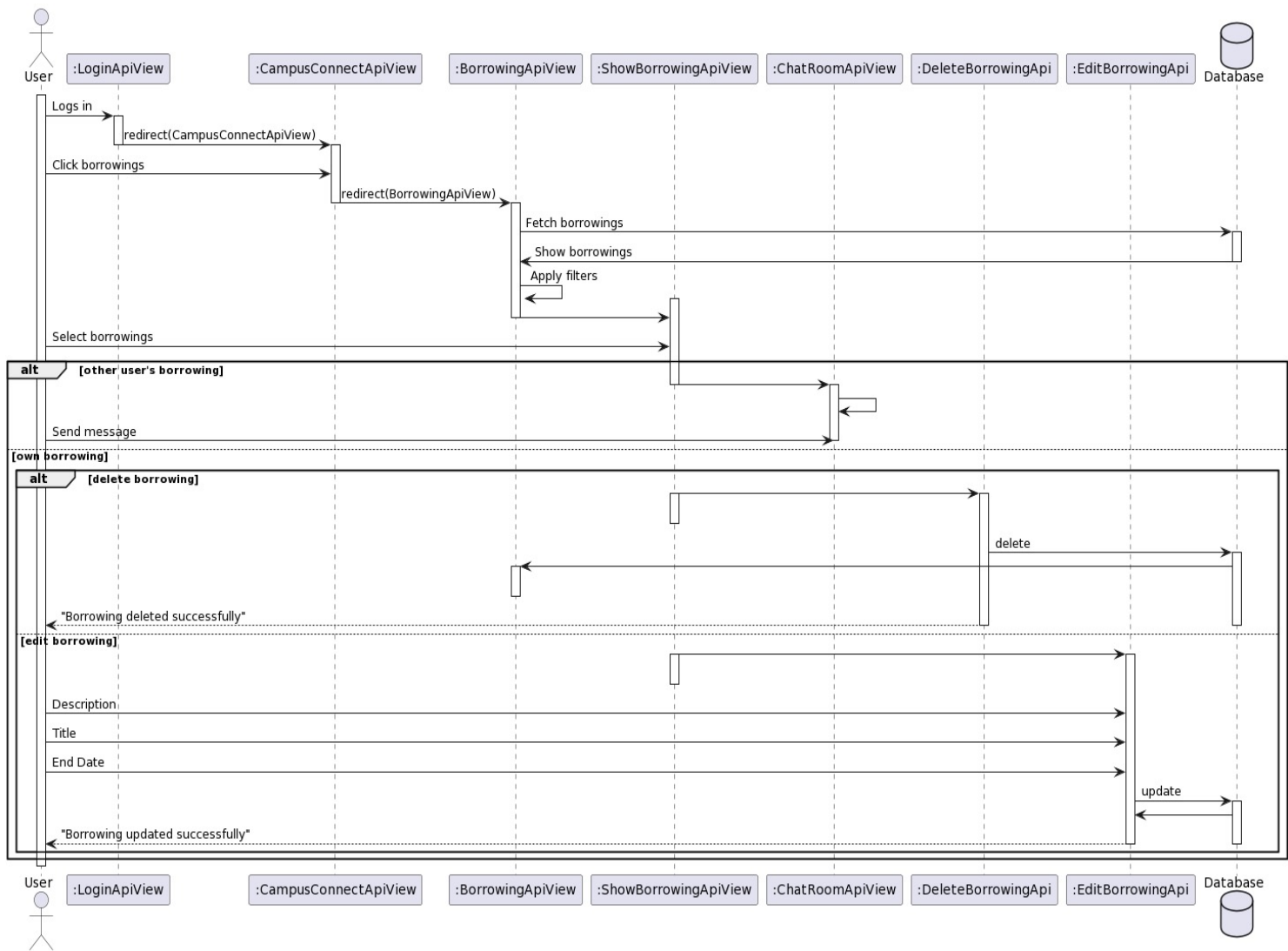


Figure 4: CampusConnect borrowing feature sequence diagram

## 2.4) Sequence diagram of register features

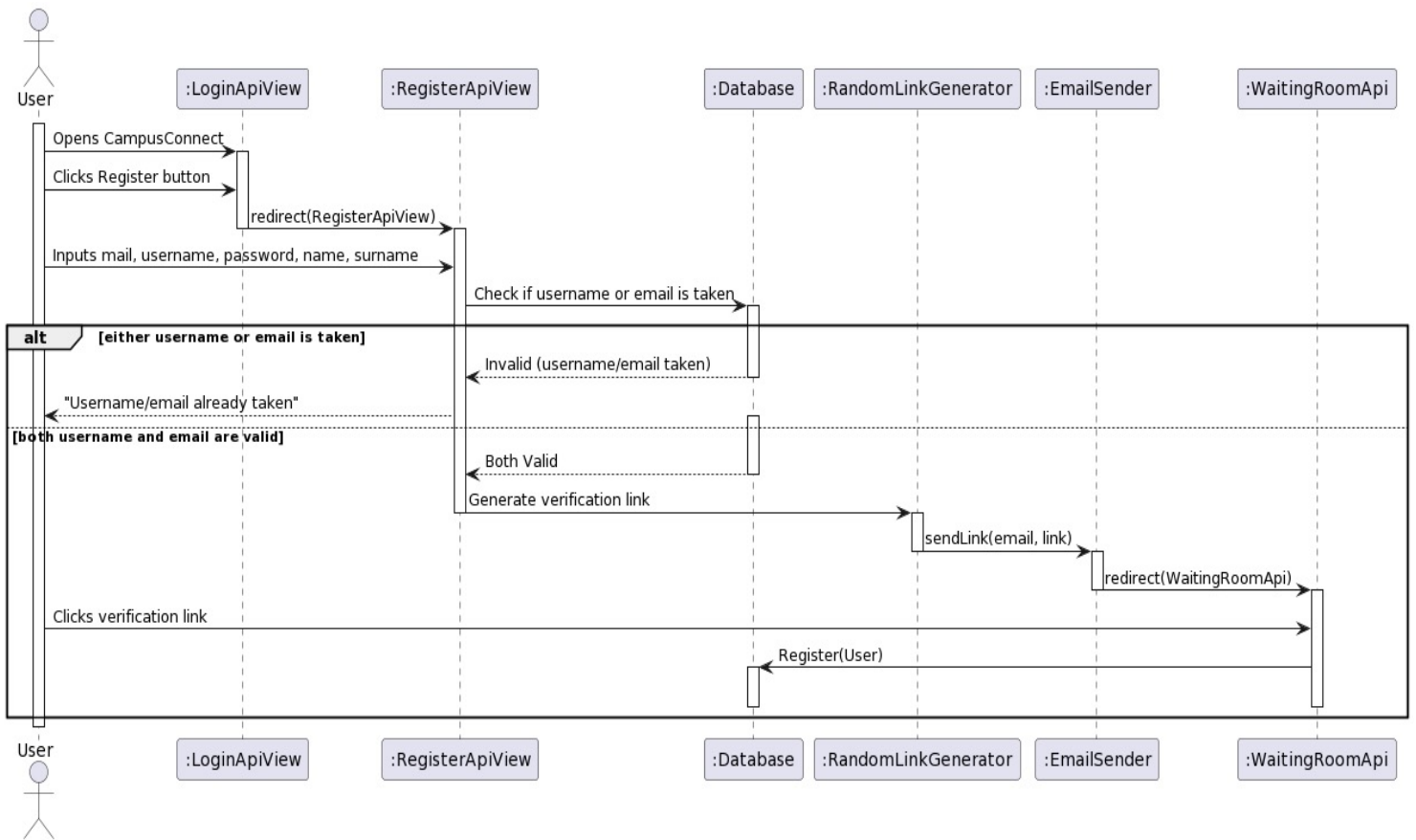


Figure 5: CampusConnect register feature sequence diagram

## 2.5) Sequence diagram of edit profile and login features

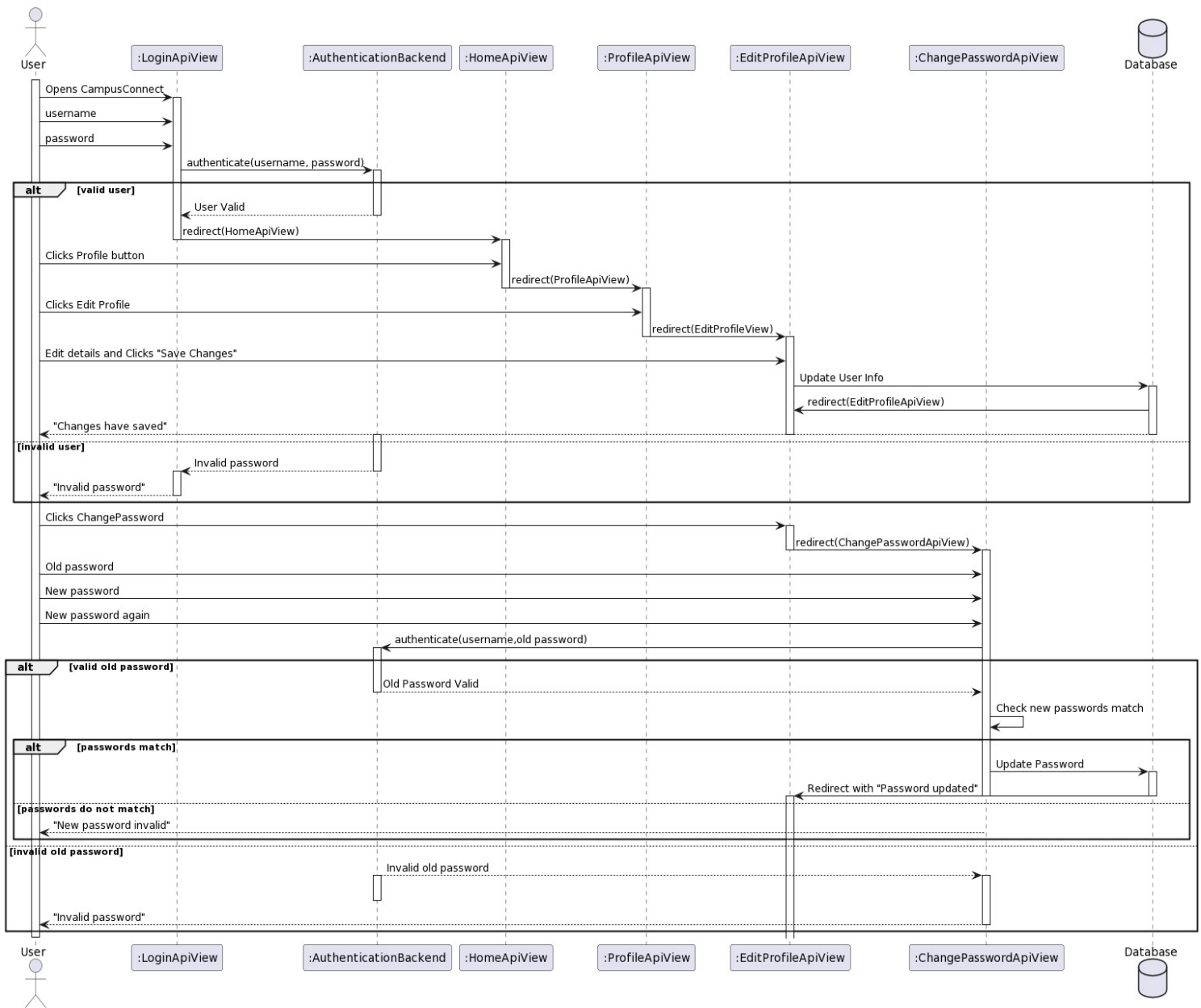


Figure 6: CampusConnect edit profile and login feature sequence diagram

## 2.6) Sequence diagram of adding features

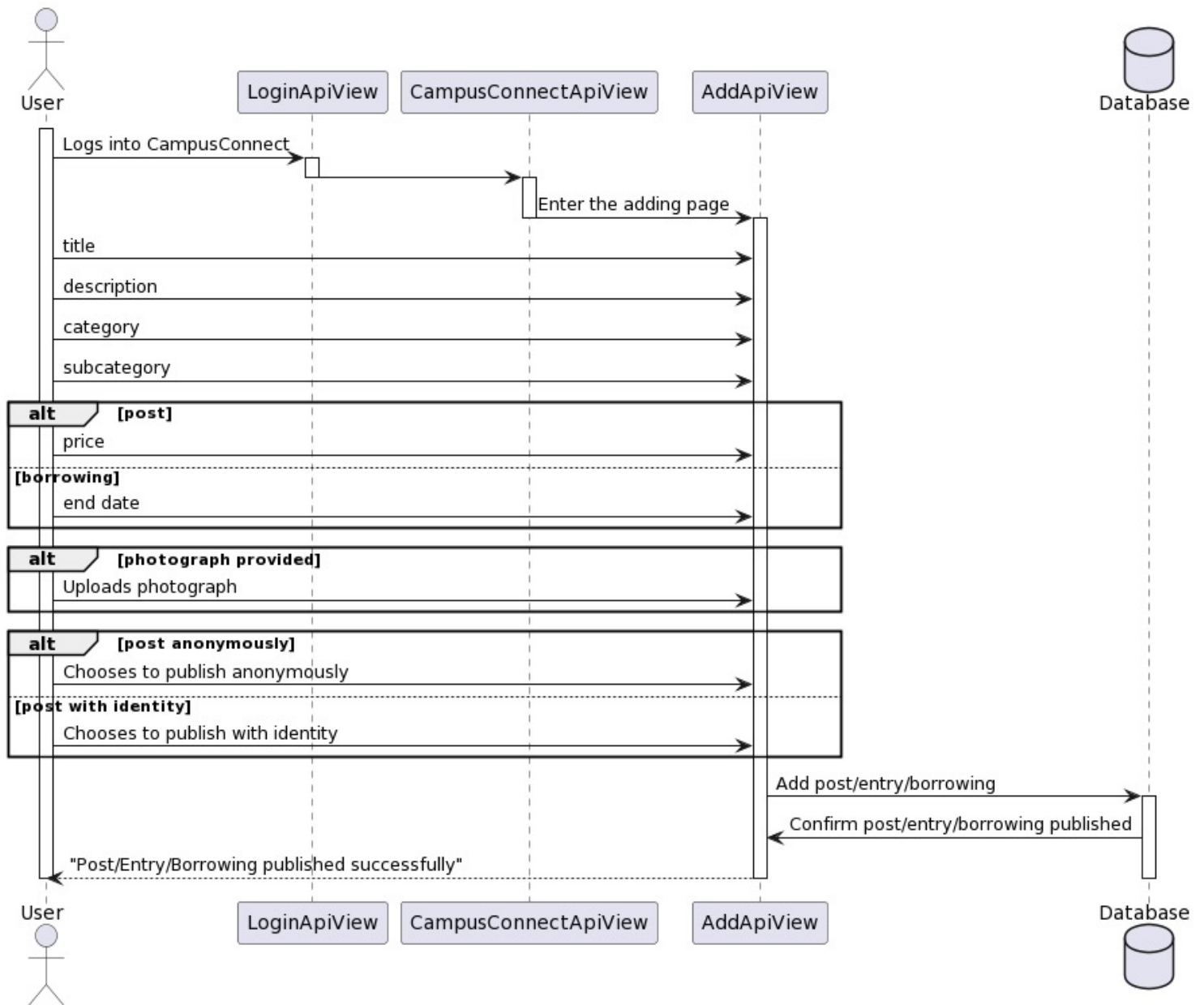


Figure 7: CampusConnect adding feature sequence diagram



### 3) Activity Diagrams

#### 3.1) User logs into his/her account

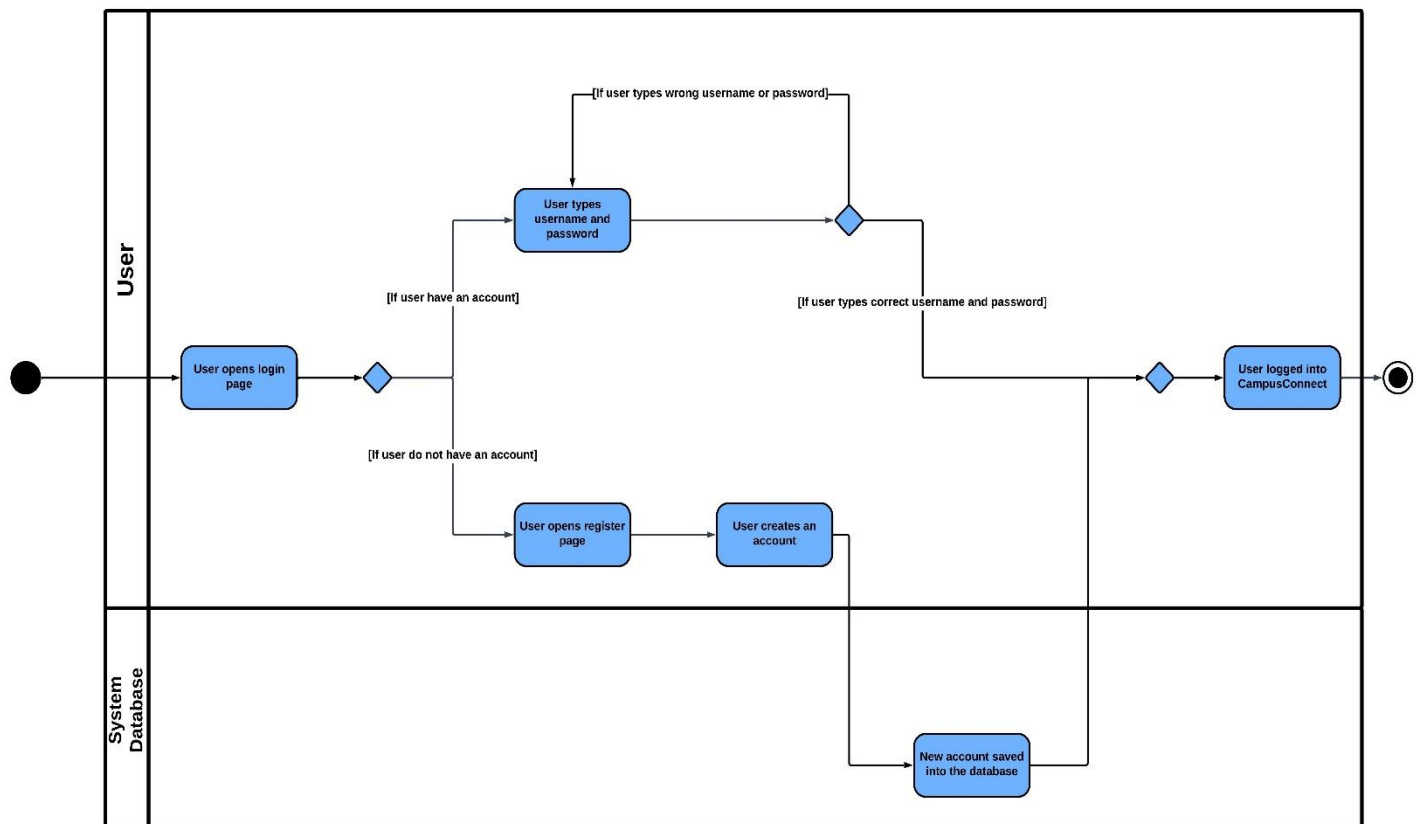


Figure 8: CampusConnect login feature activity diagram

#### 3.2) User views suggestions at main page

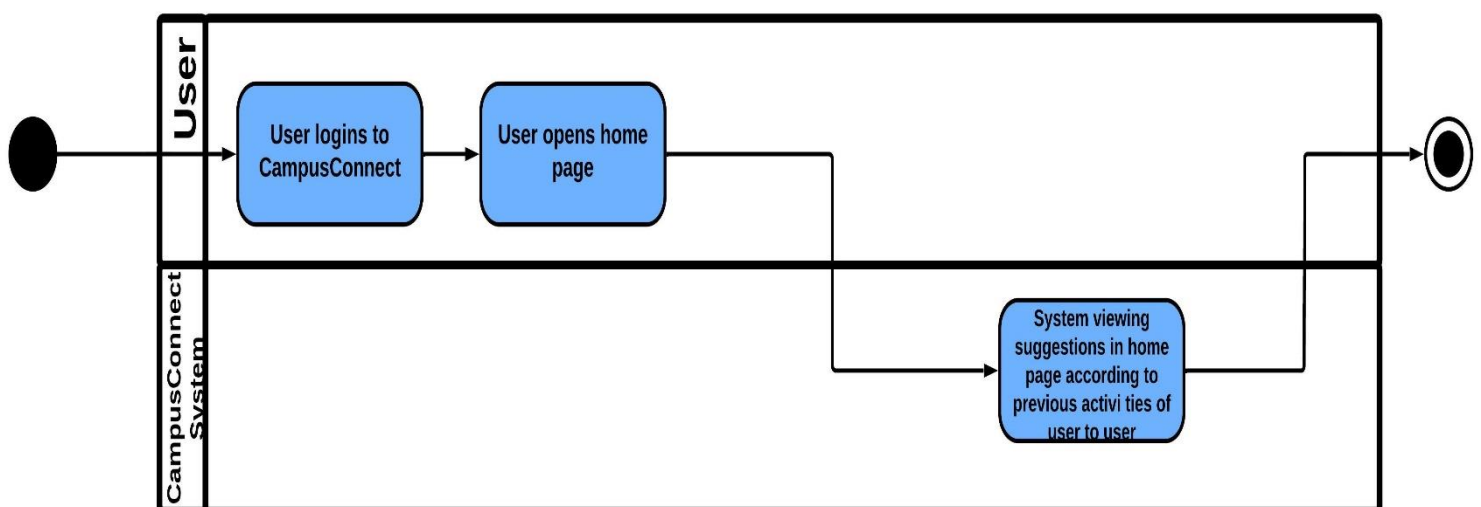


Figure 9: CampusConnect suggestion feature activity diagram

### 3.3) User add post or entry

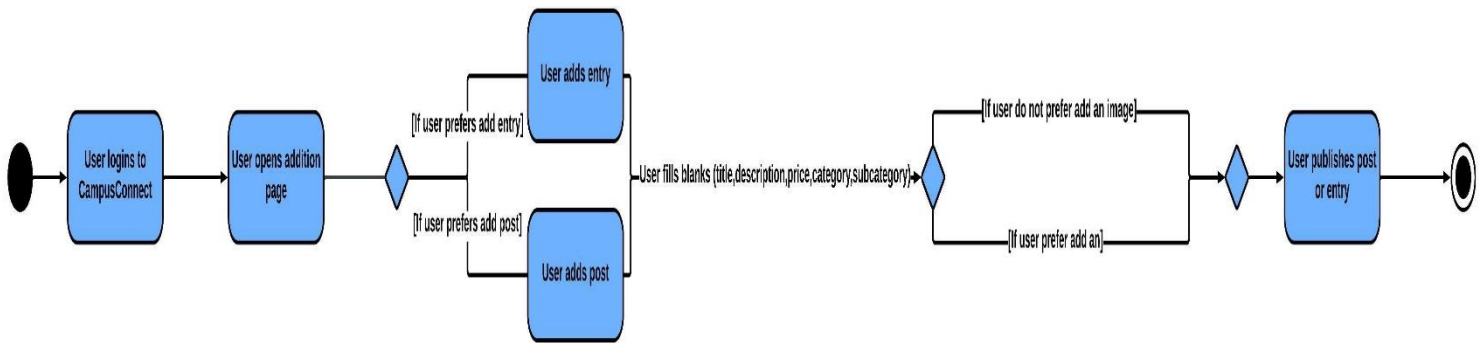


Figure 10: CampusConnect adding feature activity diagram

### 3.4) User uses borrowing feature

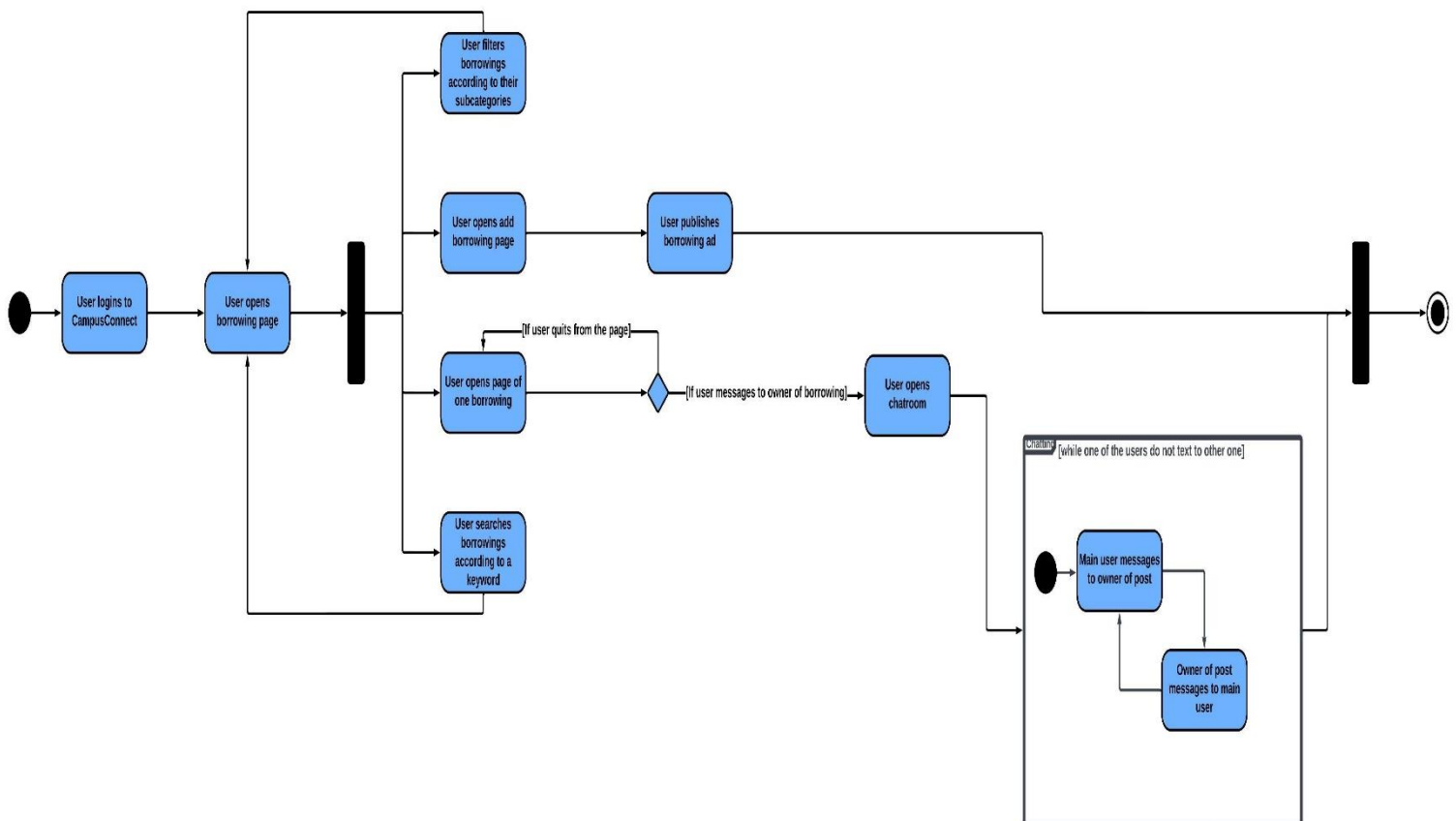


Figure 11: CampusConnect borrowing feature activity diagram

### 3.5) User uses forum feature

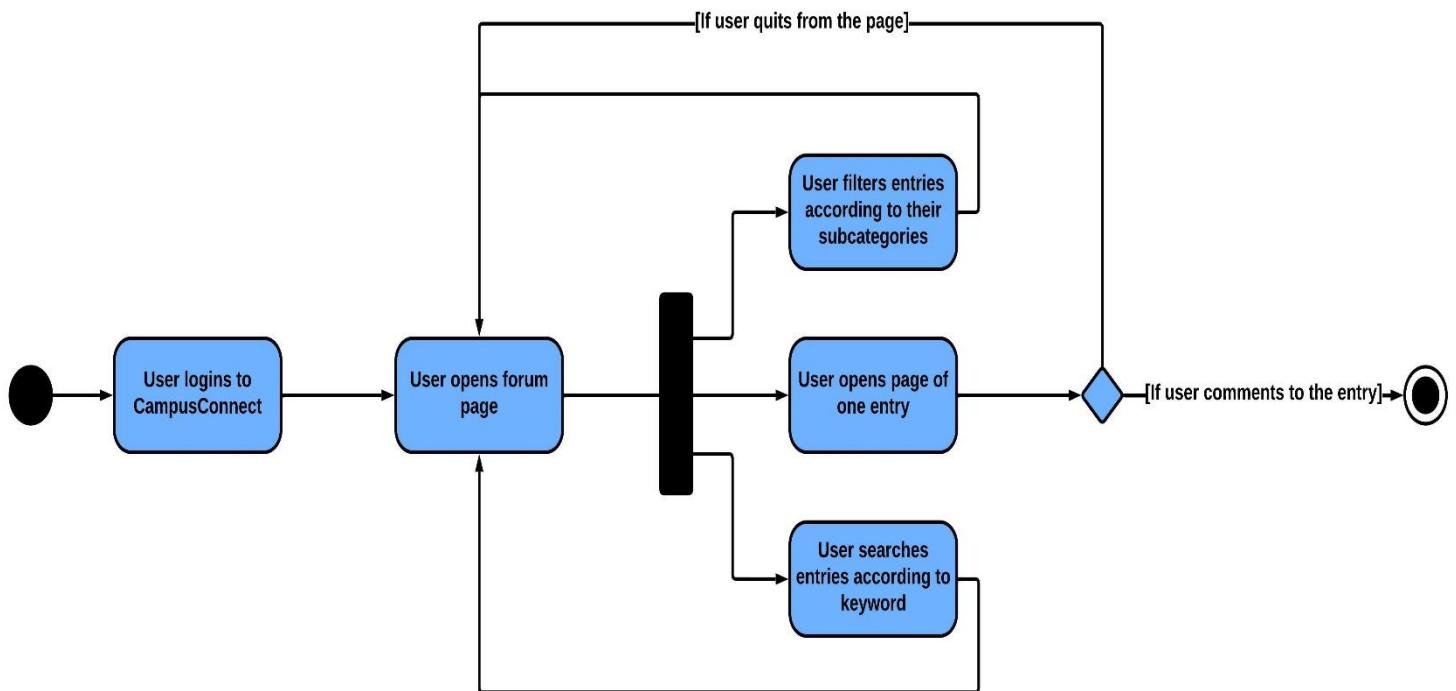


Figure 12: CampusConnect forum feature activity diagram

### 3.6) User uses market feature

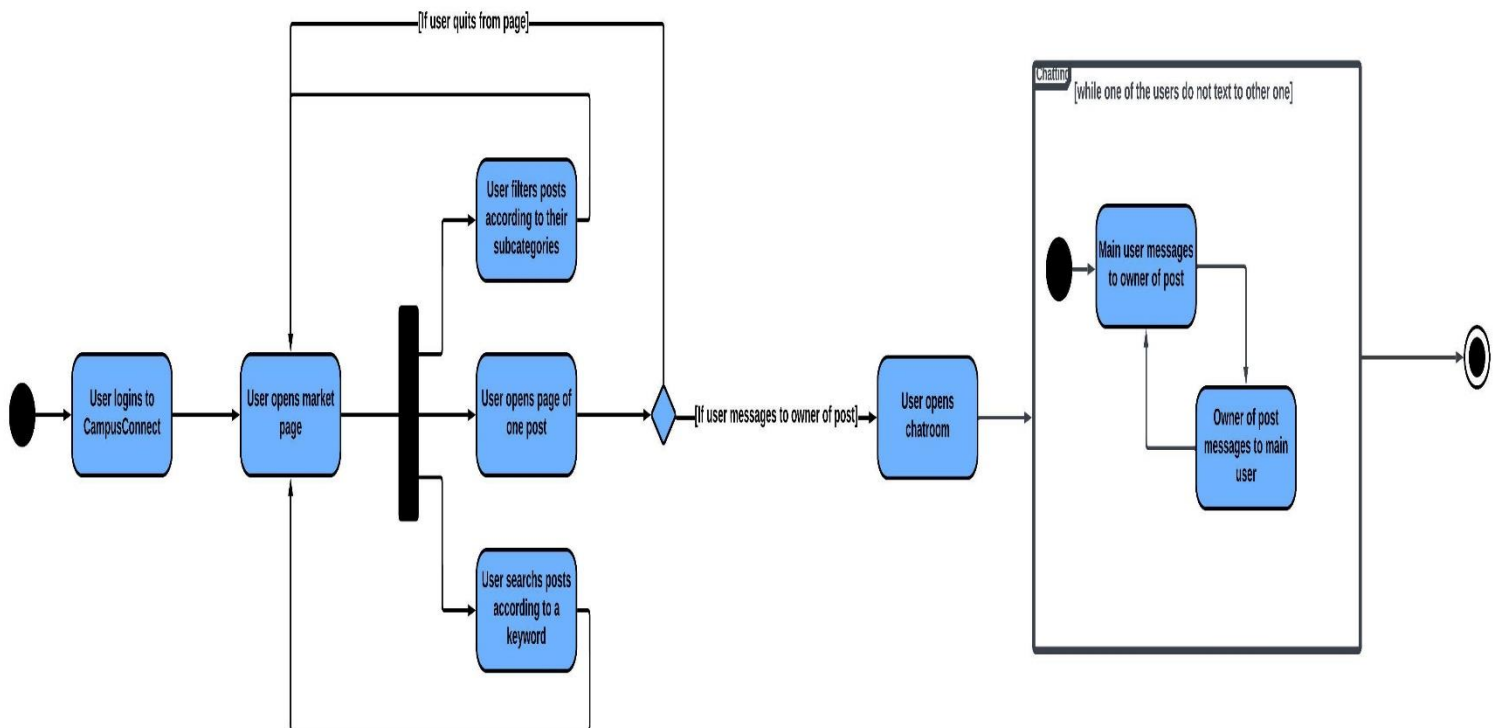


Figure 13: CampusConnect market feature activity diagram

### 3.7) User uses message feature

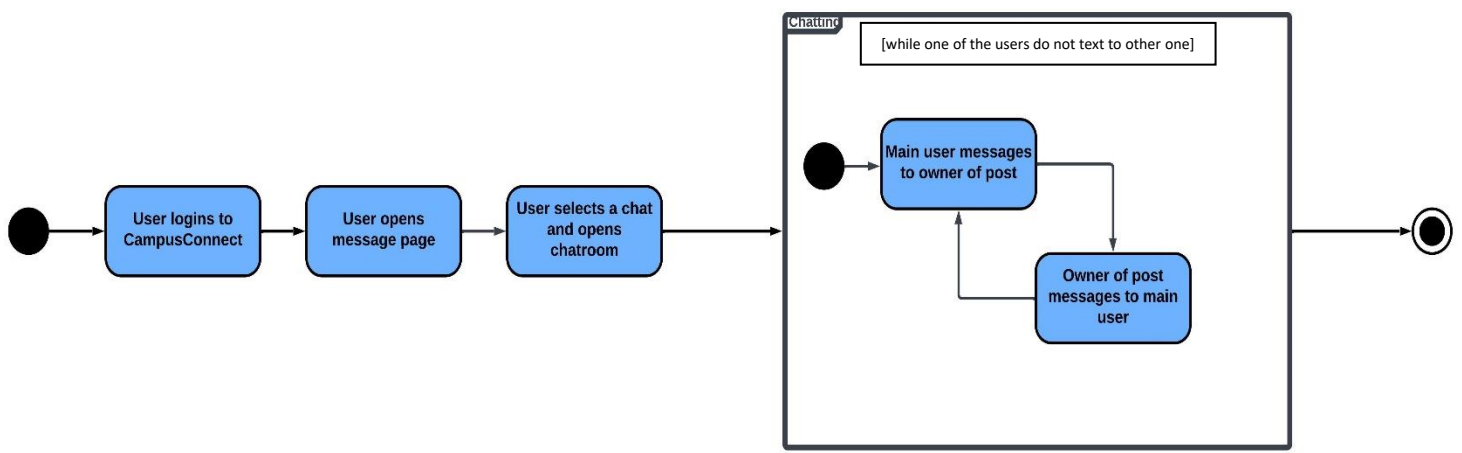


Figure 14: CampusConnect message feature activity diagram

### 3.8) Users uses donation feature

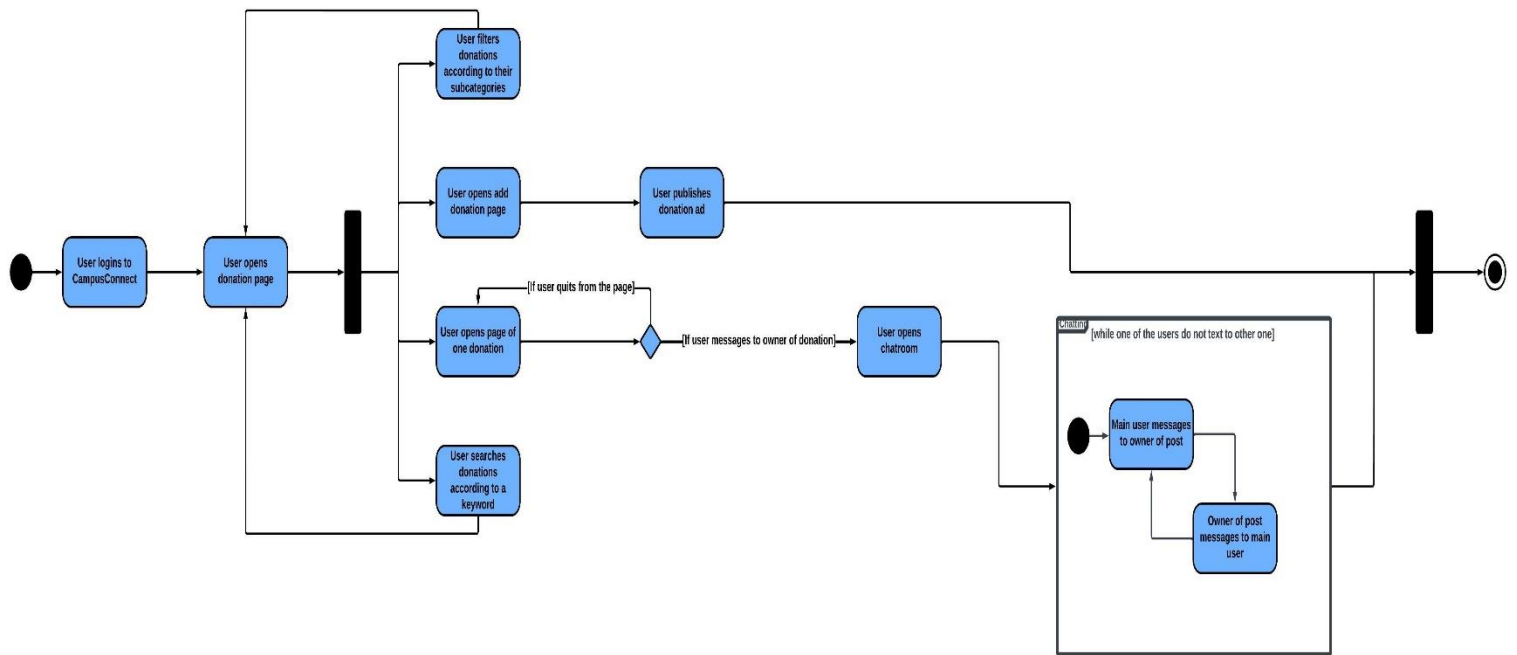


Figure 15: CampusConnect donation feature activity diagram

### 3.9) Users uses features of profile page

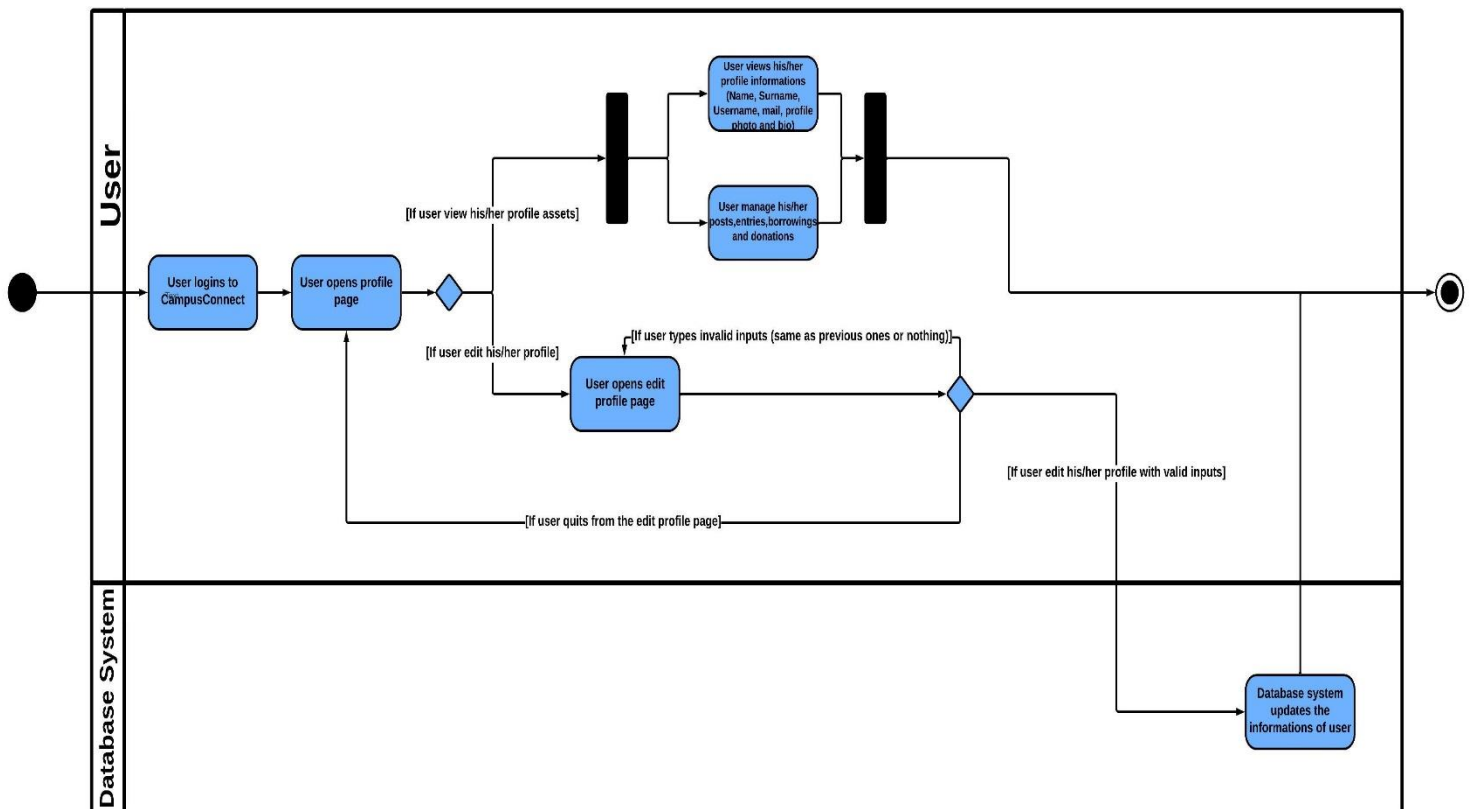


Figure 16: CampusConnect profile feature activity diagram

## 4) State Diagrams

### 4.1) User logs into his/her account

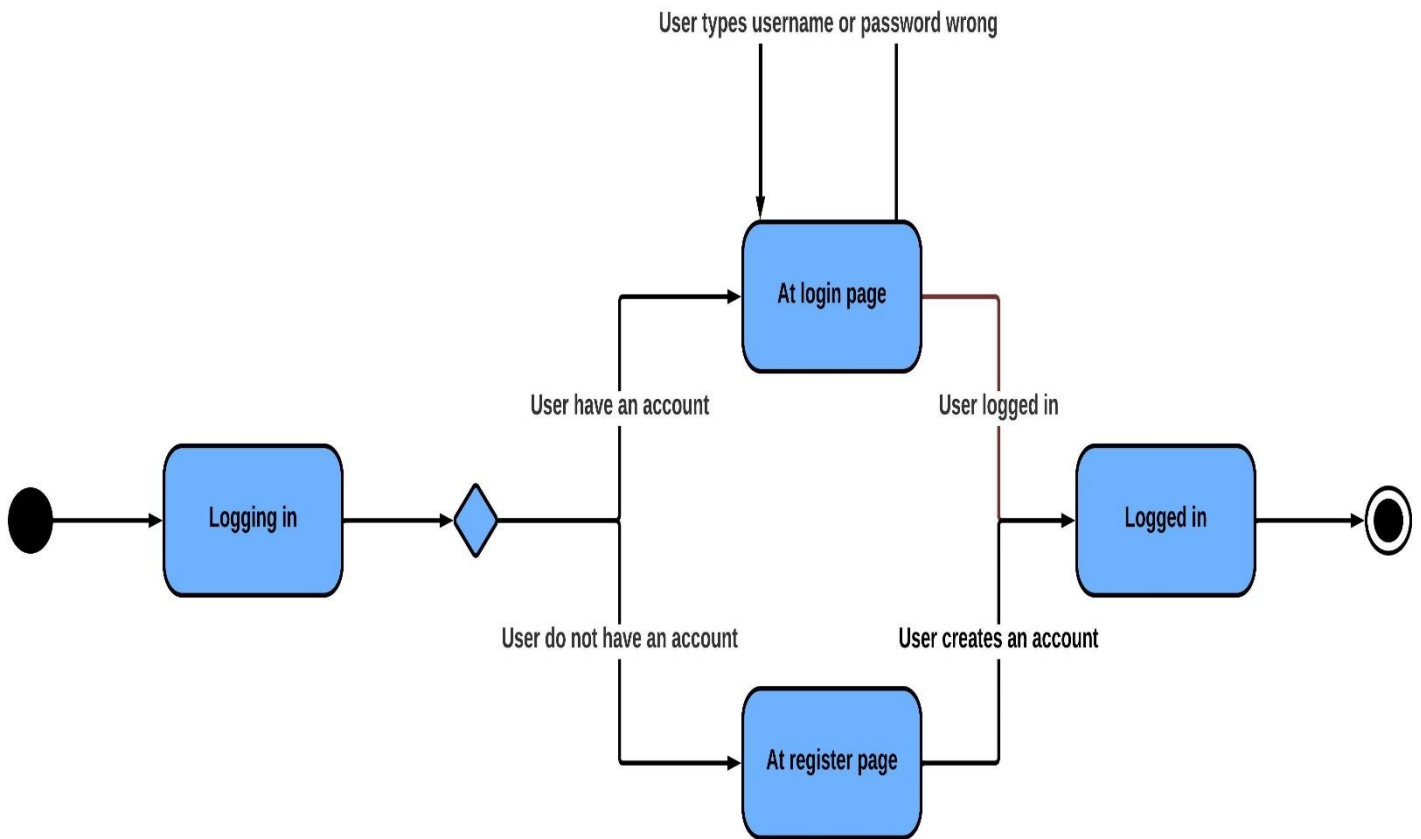


Figure 17: CampusConnect login feature state diagram

### 4.2) User views suggestions at main page



Figure 18: CampusConnect suggestions feature state diagram

#### 4.3) User add post or entry

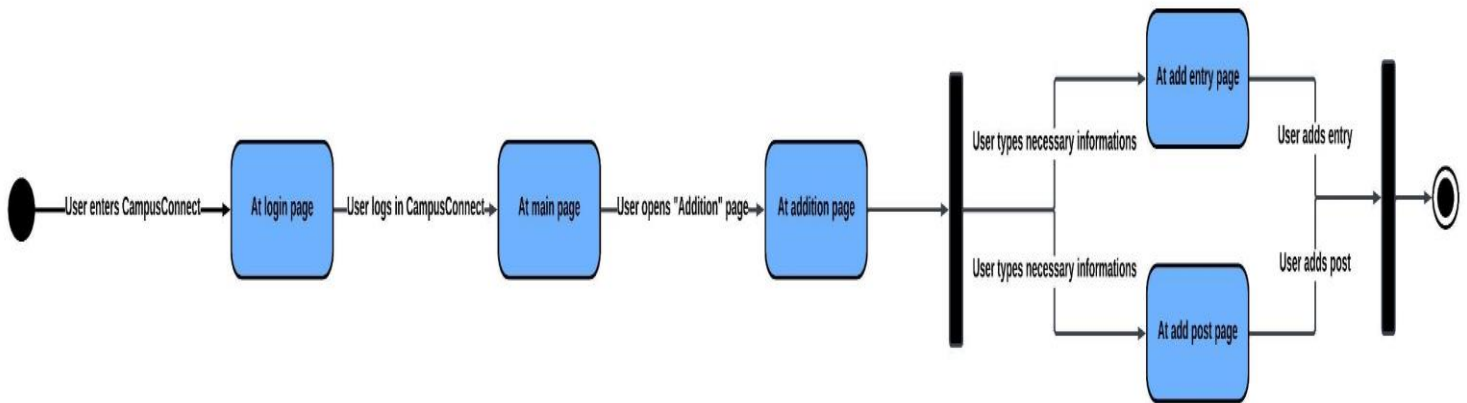


Figure 19: CampusConnect add feature state diagram

#### 4.4) User uses borrowing feature

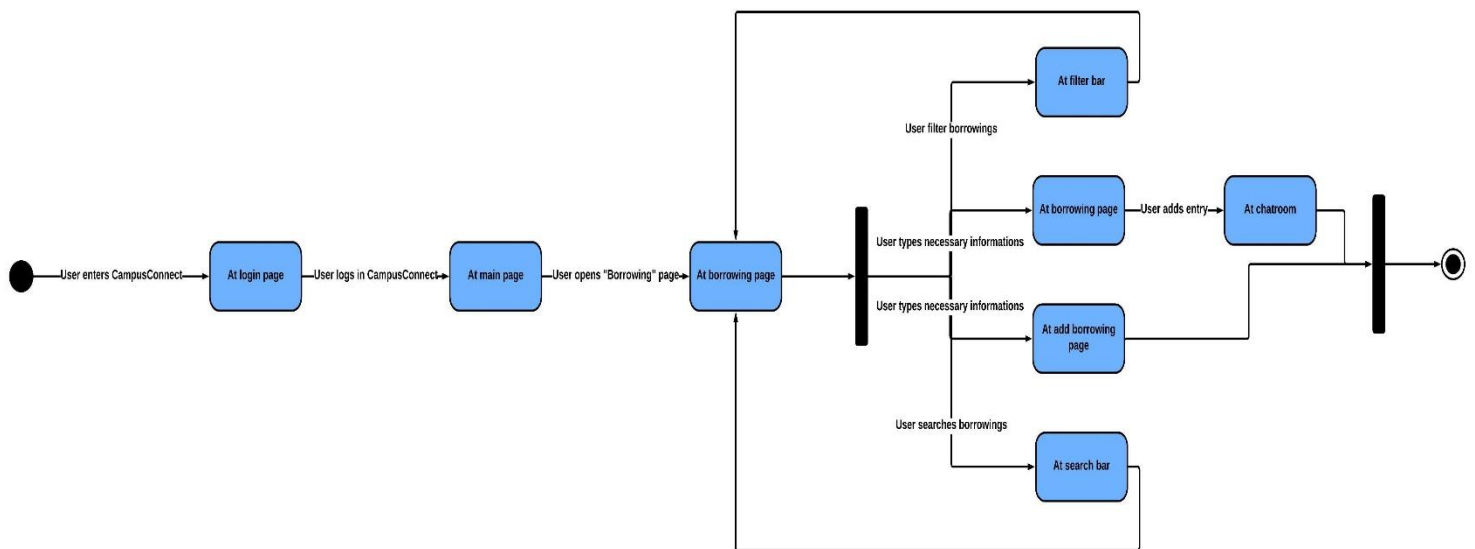


Figure 20: CampusConnect borrowing feature state diagram

#### 4.5) User uses forum feature

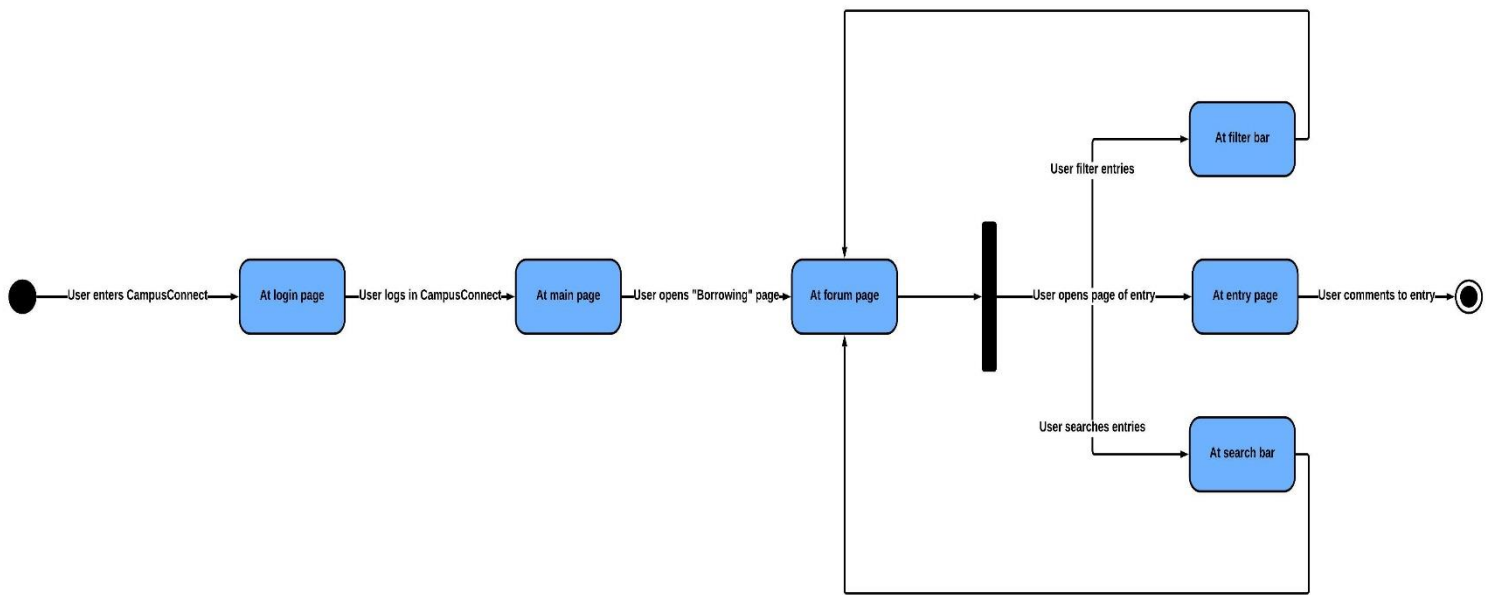


Figure 21: CampusConnect forum feature state diagram

#### 4.6) User uses market feature

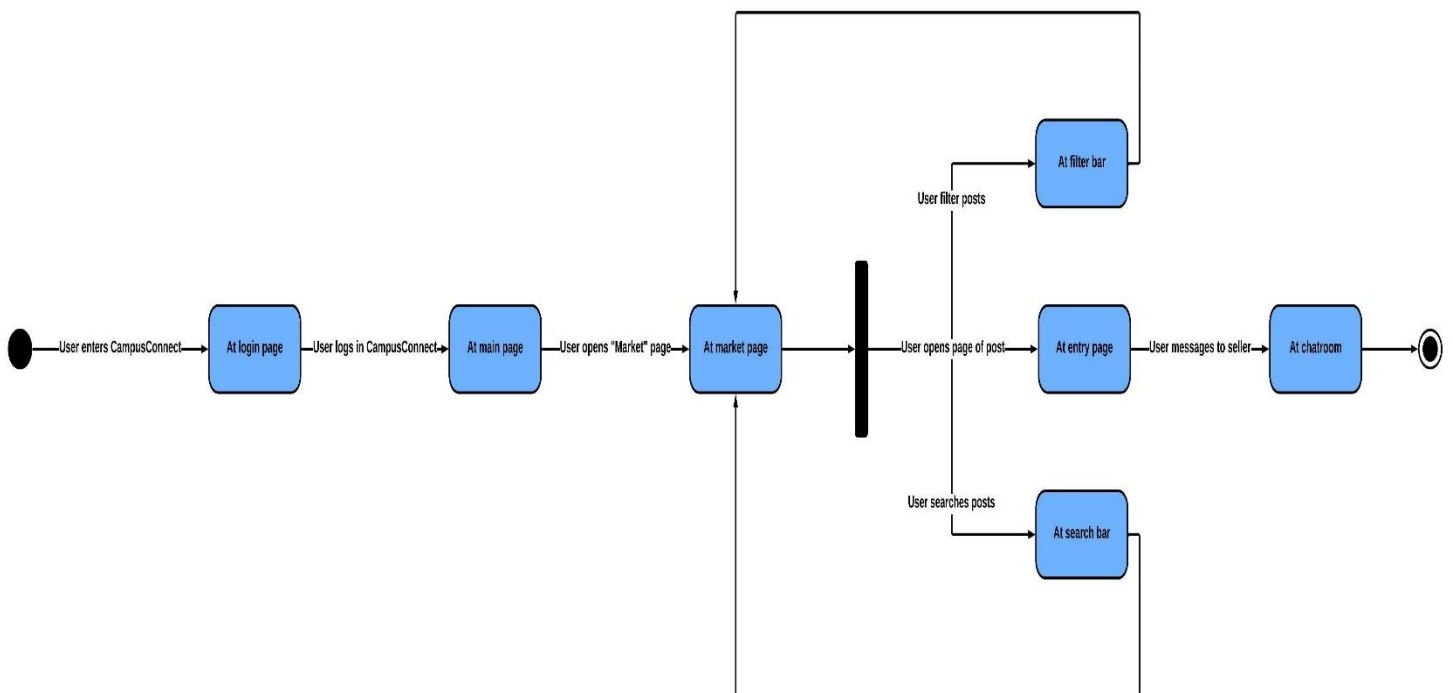


Figure 22: CampusConnect market feature state diagram



#### 4.7) User uses message feature

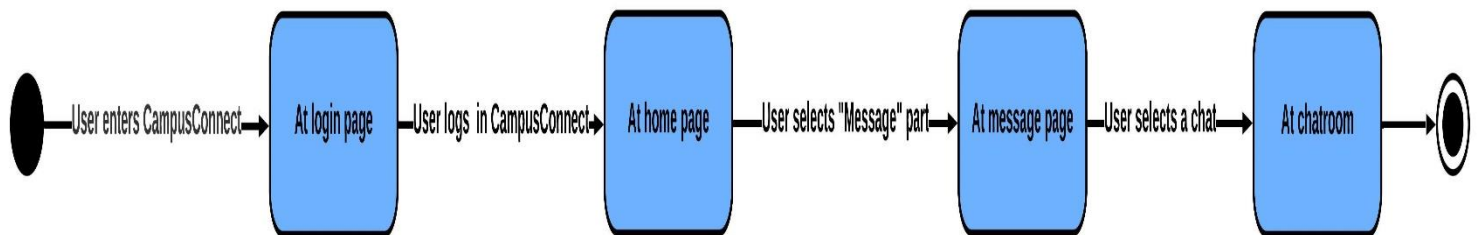


Figure 23: CampusConnect message feature state diagram

#### 4.8) Users uses donation feature

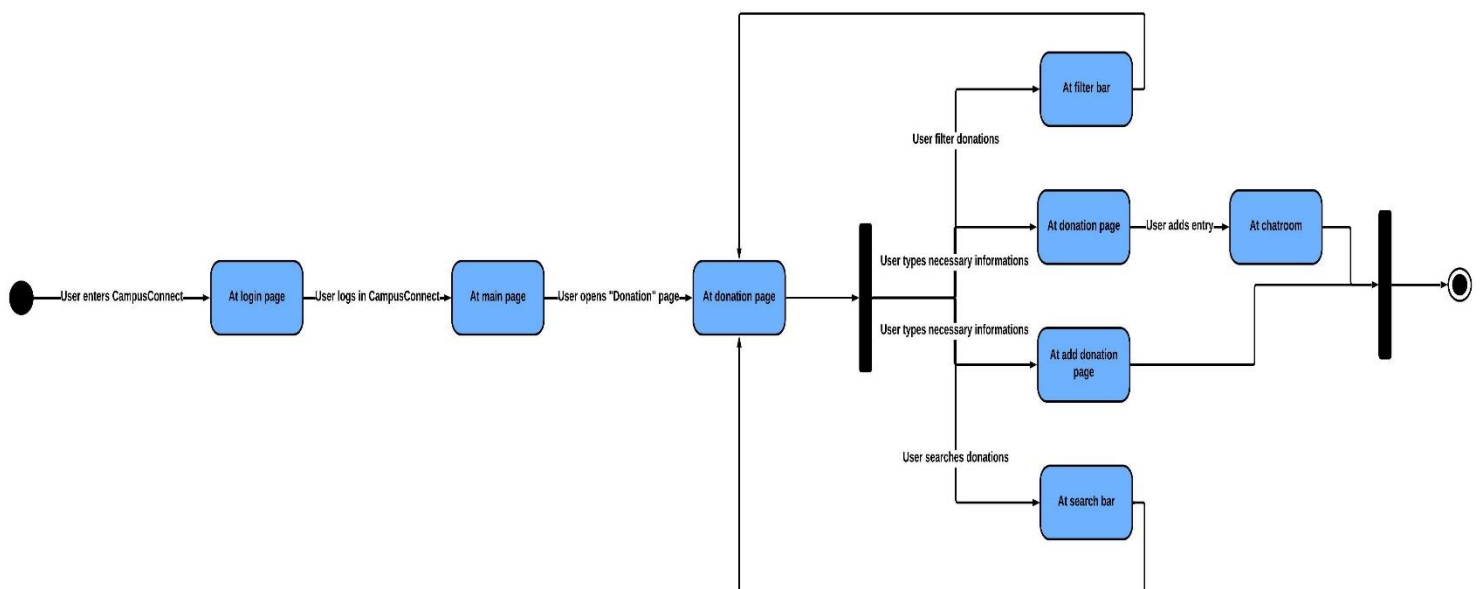


Figure 24: CampusConnect donation feature state diagram

#### 4.9) Users uses features of profile page

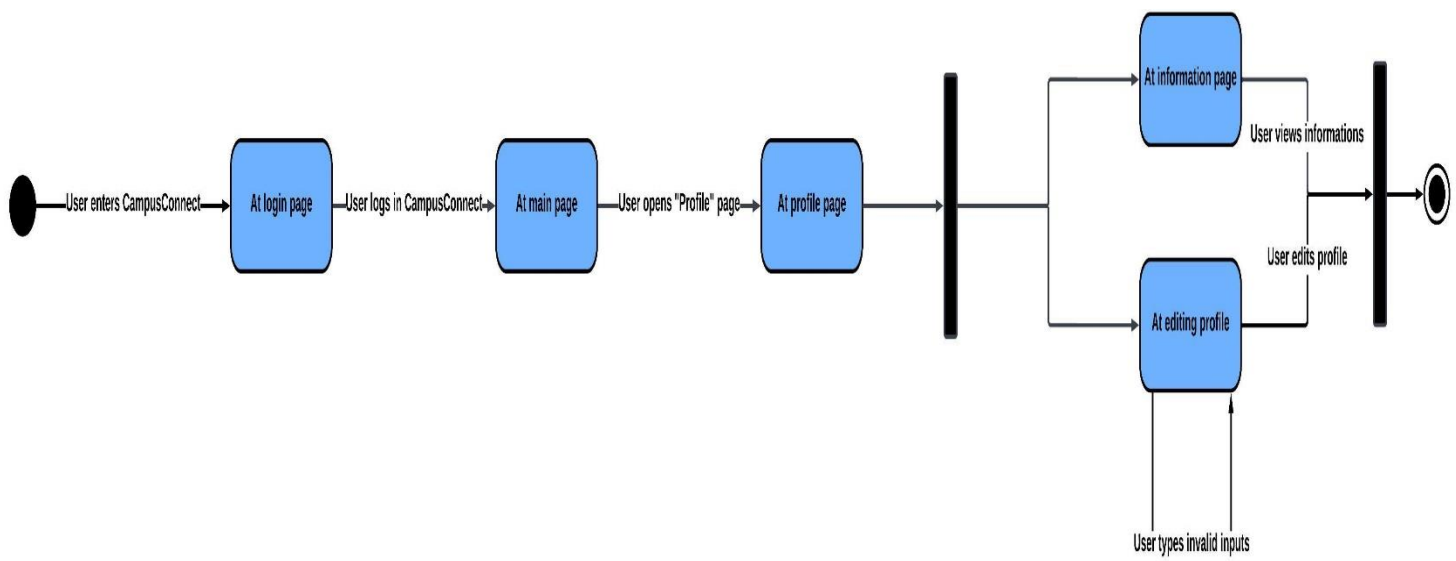
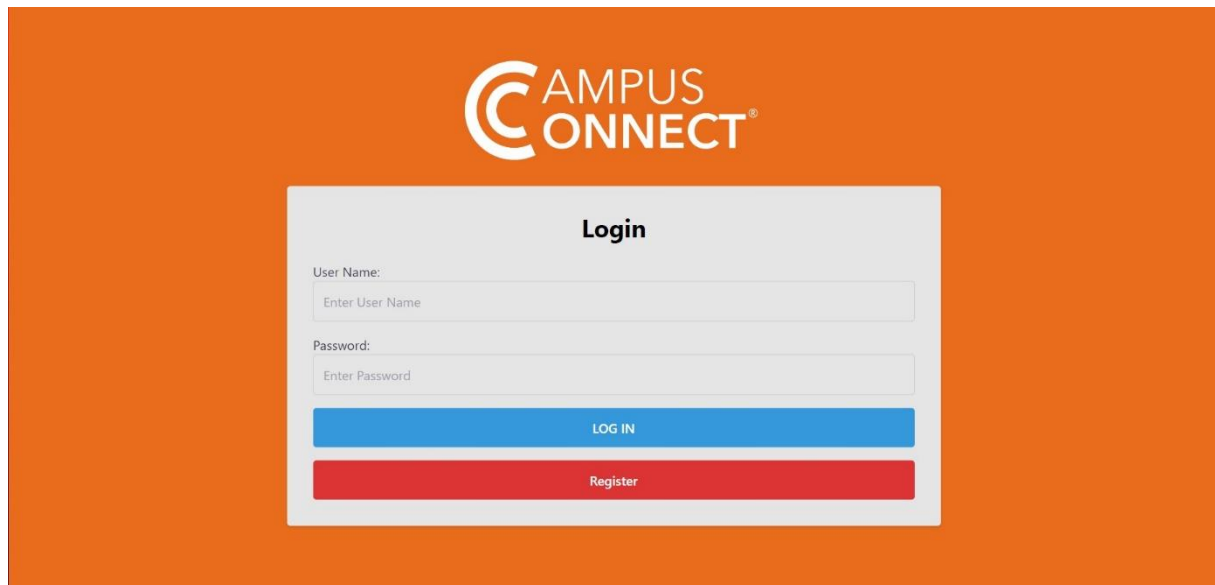


Figure 25: CampusConnect profile features state diagram

## 5) Mockups

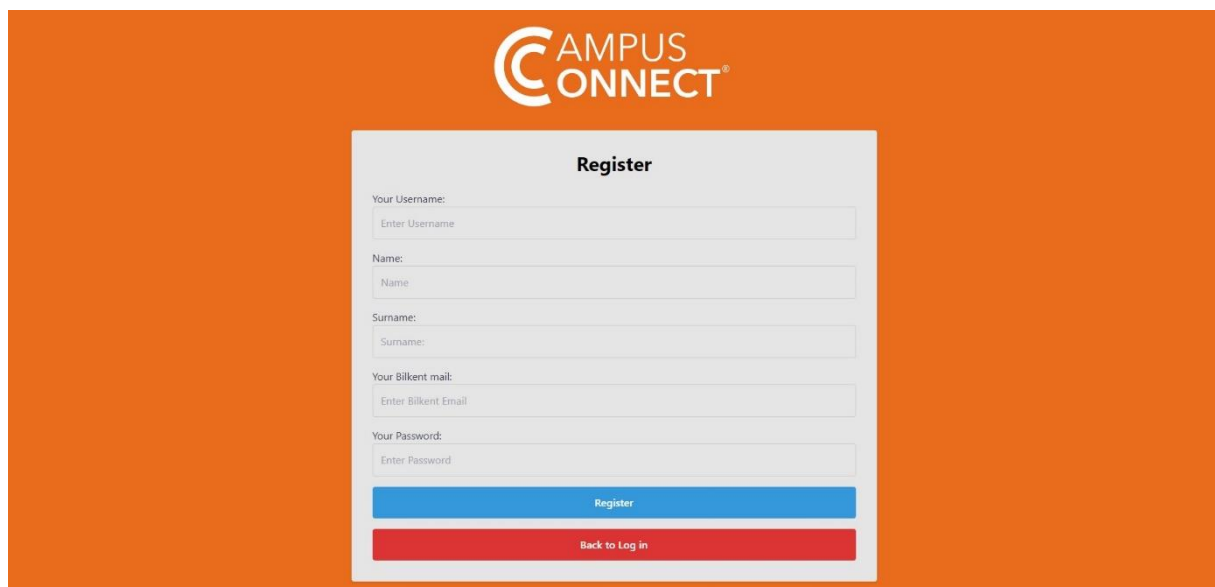
### 5.1) Login Page



The login page features a solid orange background. At the top center is the CampusConnect logo, which consists of a stylized white 'C' followed by the text 'AMPUS ONNECT' in white. Below the logo is a white rectangular form with a light gray border. The form is titled 'Login' in bold black text. It contains two input fields: 'User Name:' with a placeholder 'Enter User Name' and 'Password:' with a placeholder 'Enter Password'. Below these fields are two buttons: a blue 'LOG IN' button and a red 'Register' button.

*Figure 26: CampusConnect login page mockup*

### 5.2) Register Page



The register page features a solid orange background. At the top center is the CampusConnect logo, which consists of a stylized white 'C' followed by the text 'AMPUS ONNECT' in white. Below the logo is a white rectangular form with a light gray border. The form is titled 'Register' in bold black text. It contains five input fields: 'Your Username:' with a placeholder 'Enter Username', 'Name:' with a placeholder 'Name', 'Surname:' with a placeholder 'Surname', 'Your Bilkent mail:' with a placeholder 'Enter Bilkent Email', and 'Your Password:' with a placeholder 'Enter Password'. Below these fields are two buttons: a blue 'Register' button and a red 'Back to Log in' button.

*Figure 27: CampusConnect register page mockup*

### 5.3) Home Page

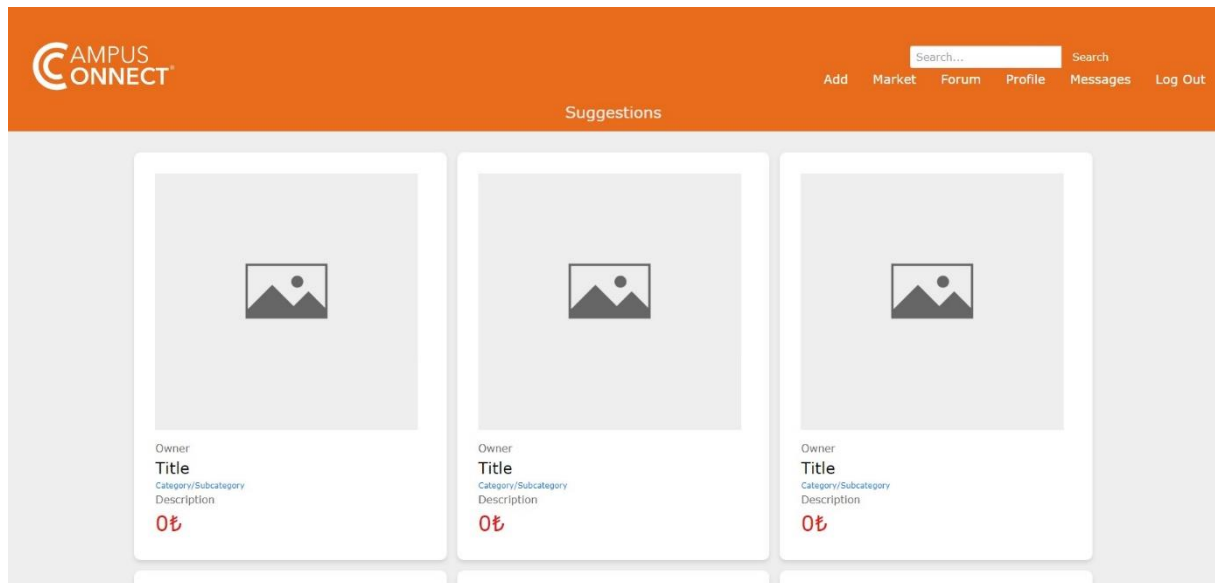


Figure 28: CampusConnect home page mockup

### 5.4) Add Page

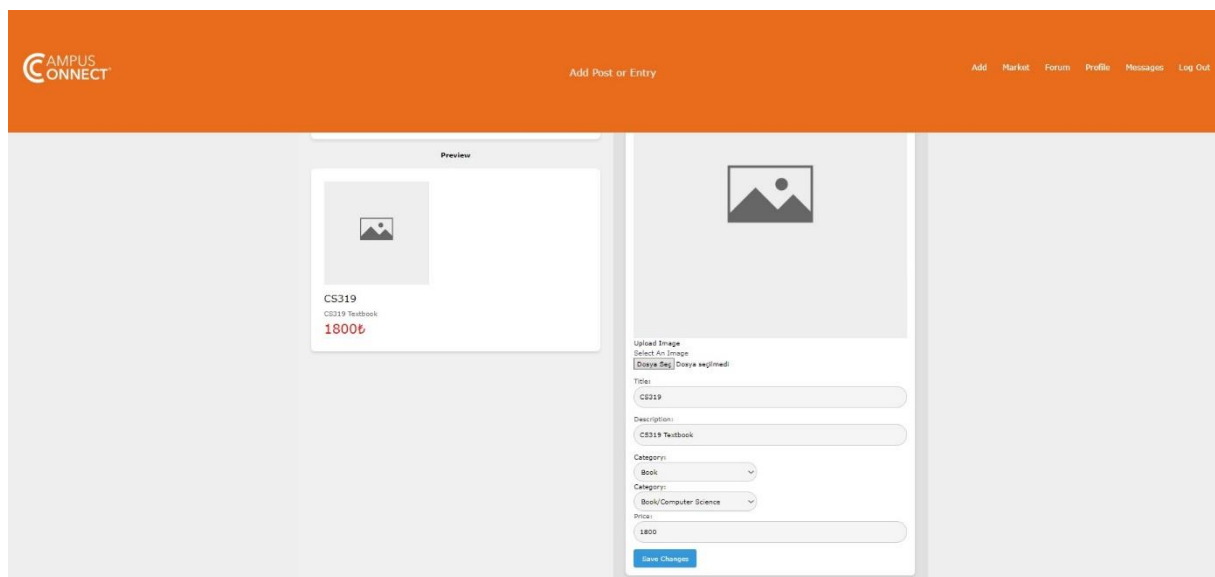


Figure 29: CampusConnect add page mockup

## 5.5) Market Page

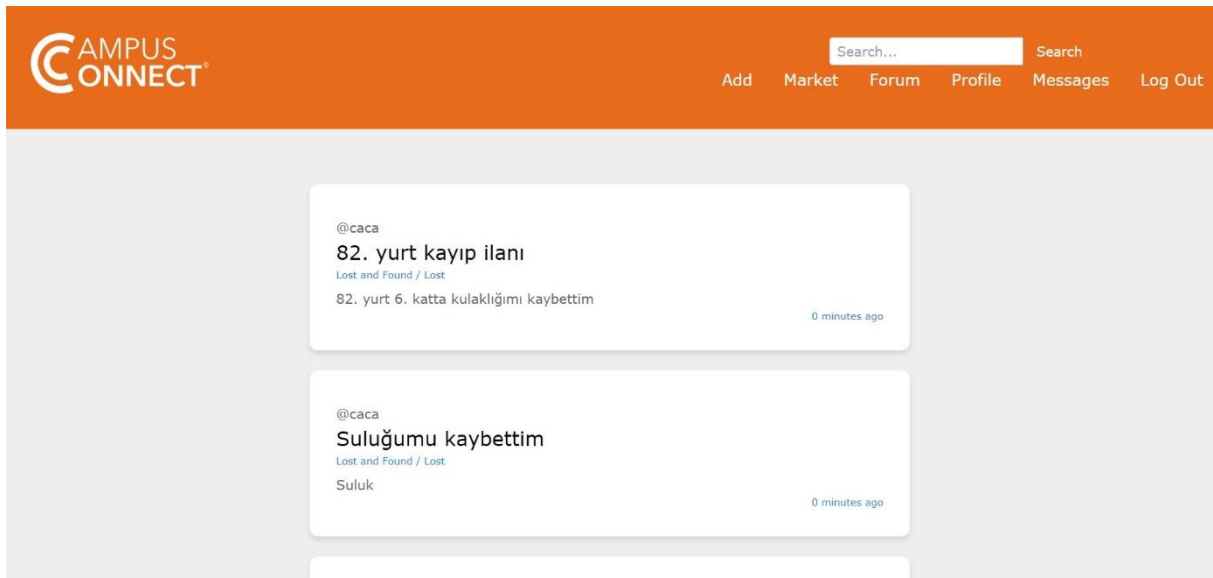


Figure 30: CampusConnect market page mockup

## 5.6) Forum Page

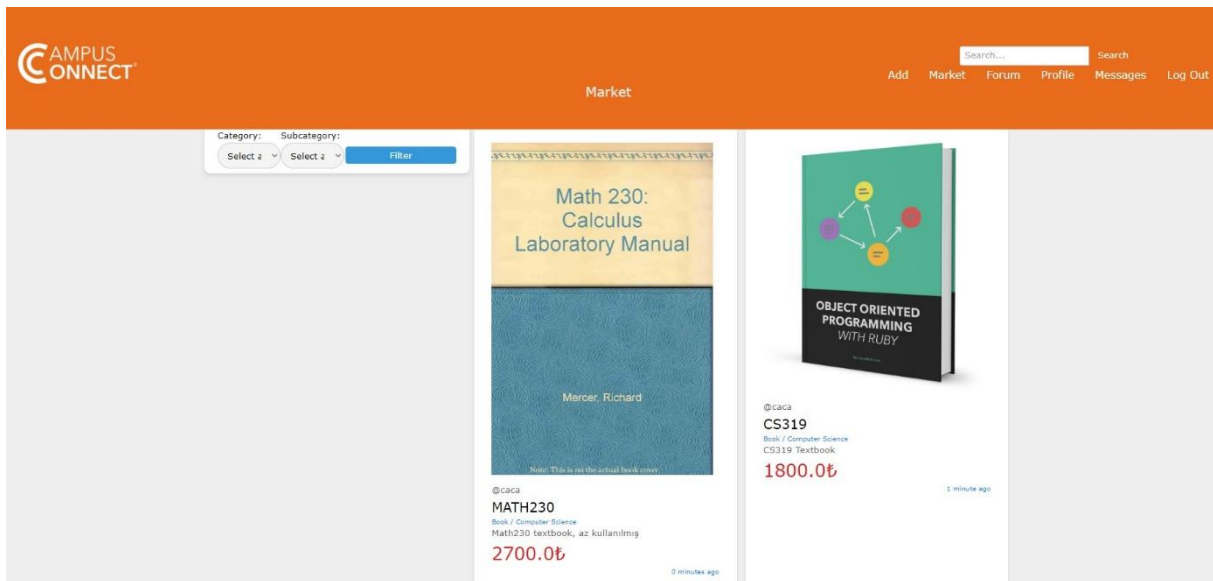


Figure 31: CampusConnect forum page mockup

## 5.7) Entry Page

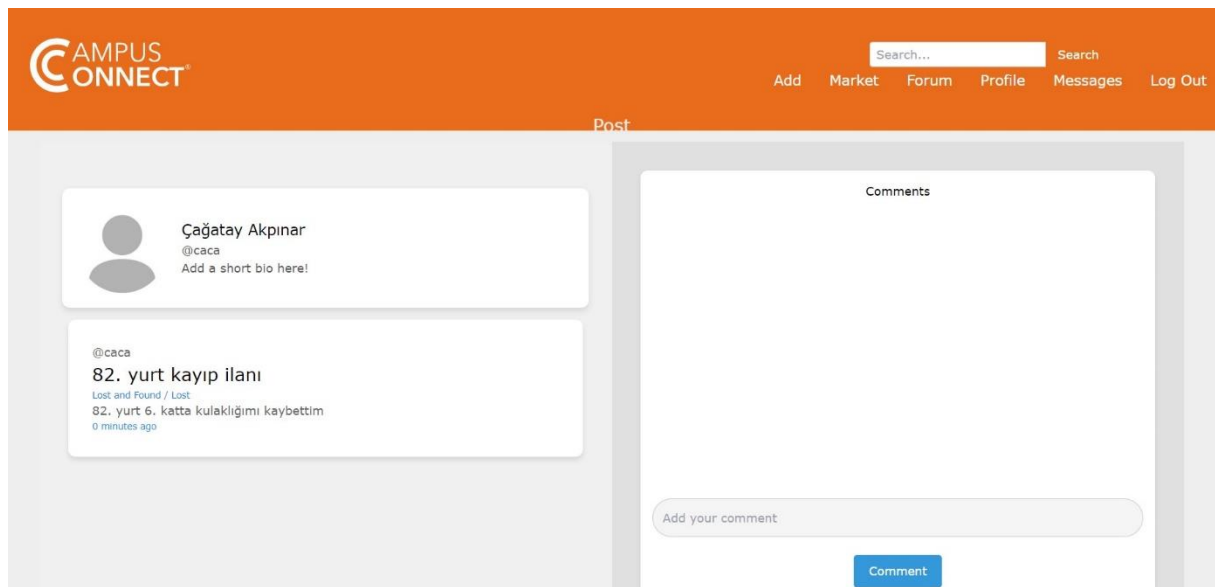


Figure 32: CampusConnect entry page mockup

## 5.8) Post Page

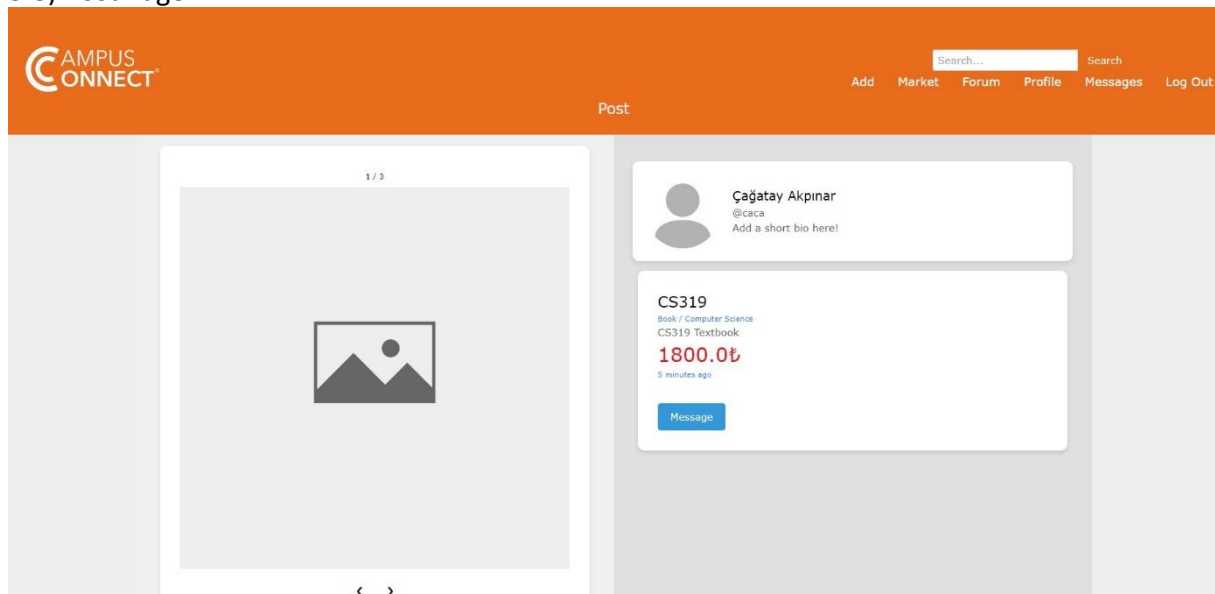


Figure 33: CampusConnect post page mockup

### 5.9) Message Page

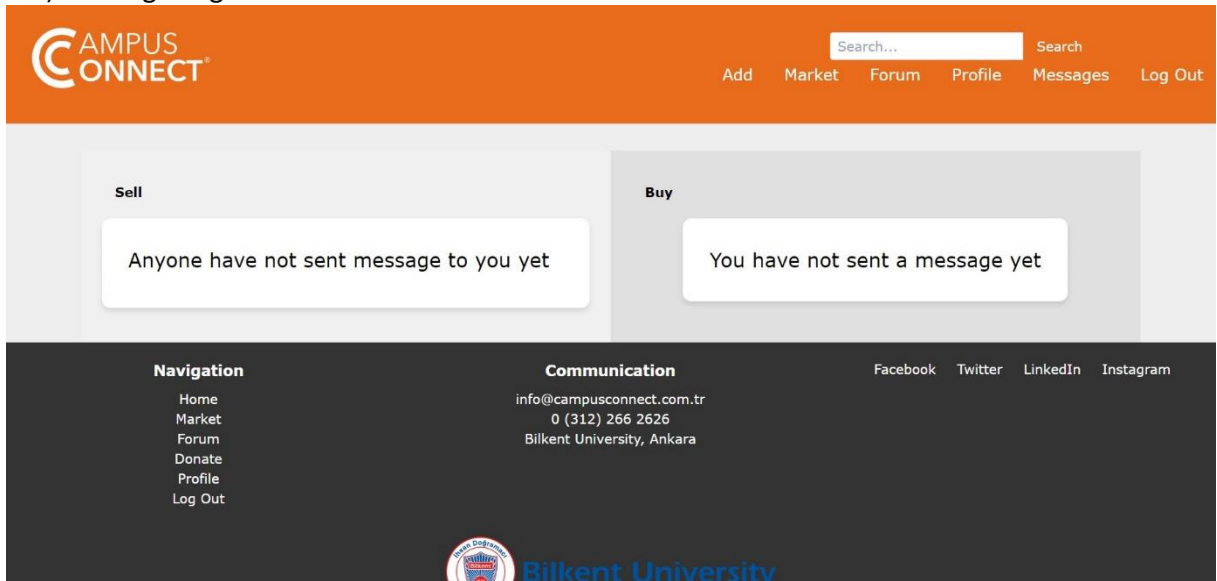


Figure 34: CampusConnect message page mockup

### 5.10) Profile Page

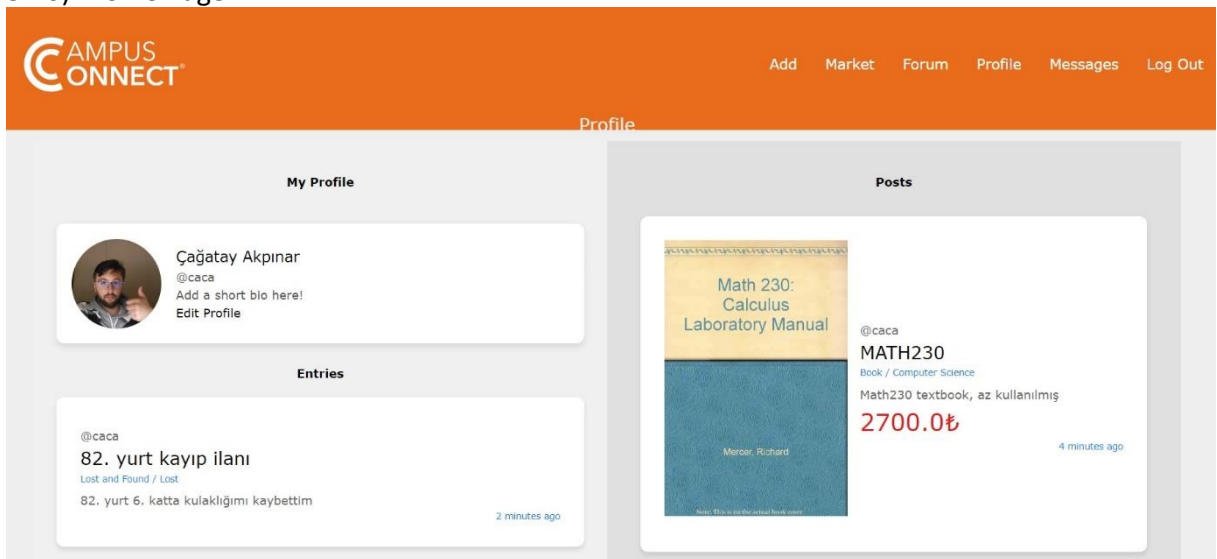



Figure 35: CampusConnect profile page mockup

### 5.11) Edit Profile Page



Search... Search

Add Market Forum Profile Messages Log Out

Profile

Select An Image

Dosya Seç Dosya seçilmedi

Your Username:

caca

Name:

Çağatay

Surname:

Akpınar

Bio:

Add a short bio here!


Your Bilkent mail:

cagatay.akpinar@ug.bilkent.edu.tr

Save Changes

Figure 36: CampusConnect edit profile page mockup

### 5.11) Edit Post Page



Add Post or Entry

Add Market Forum Profile Messages Log Out

Preview

OBJECT ORIENTED PROGRAMMING WITH RUBY

CS319

Book / Computer Science

CS319 Textbook

1800.0

Upload Image

Select An Image

Dosya Seç Dosya seçilmedi

Title:

CS319

Description:

CS319 Textbook

Category:

Book

Subcategory:

Book/Computer Science

Price:

1800.0

Save Changes

Figure 37: CampusConnect edit post page mockups



## 5.12) Delete and Edit Post Buttons Page

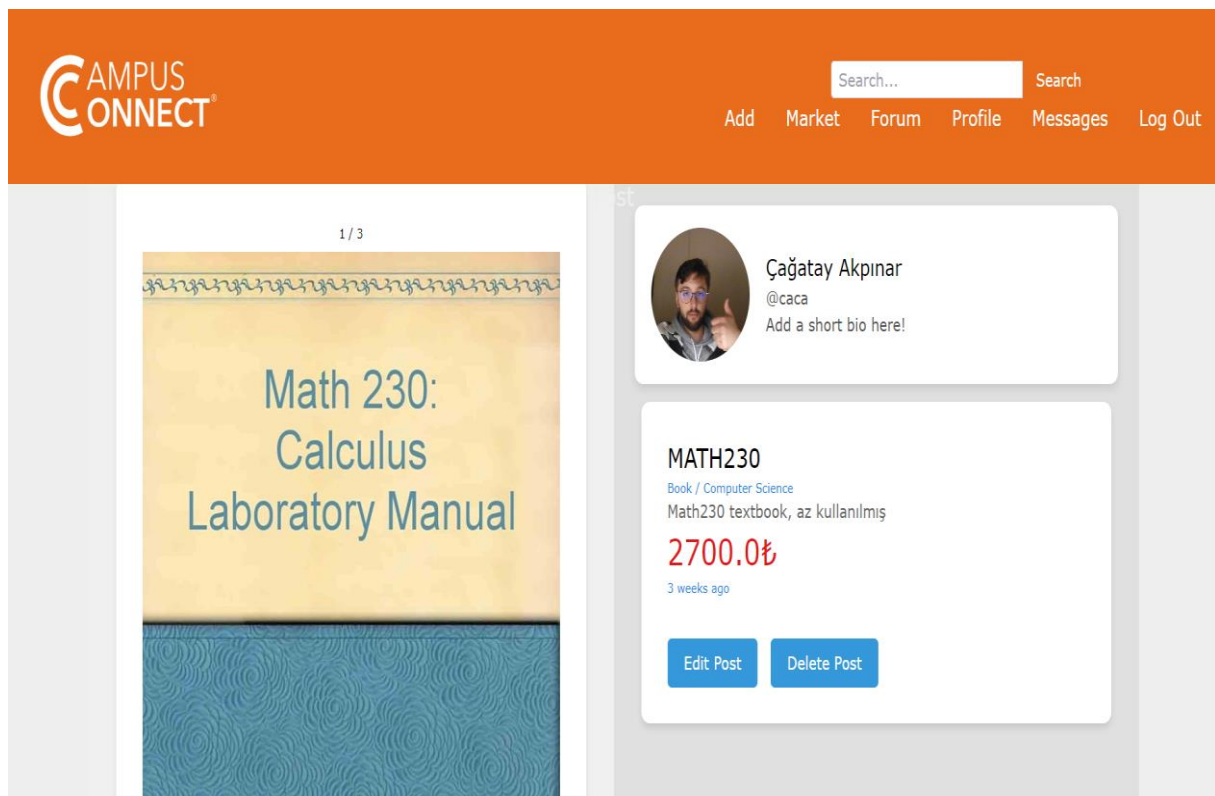


Figure 37: CampusConnect delete and edit post buttons mockup