

## **F1**

### **Use Case: Create Team**

**Title:** Create Team

**Primary Actor:** Instructor

**Goal:** An instructor wants to start up teams creation

**Precondition:** The TMS is ON

**Postcondition:** The Users are able to make teams

### **Main Scenario**

1. Instructor sets course code
2. Instructor sets minimum number of students per team
3. Instructor set maximum number of students per team
4. Instructor sets deadline for team creations
5. TMS creates teams creation

### **Alternatives**

- 2/3. a. No information was provided
- 2/3. a. 1. Information was incomplete
- 2/3. a. 2. Information was contradicting (min>max)
- 1. b. Instructor is not teaching that class

## **F2**

### **Use Case: View Teams**

**Title:** View Teams

**Primary Actor:** User (instructor and student)

**Goal:** a user wants to see a list of all teams created for their courses

**Precondition:** The TMS is ON

**Postcondition:** The instructor sees a list of teams, with team name team date of creation, state of complete or incomplete and also team liaison. All teammates will have student number students name study program and email address available

### **Main Scenario**

1. Instructor sees a list of teams

### **Alternatives**

- 1. a. Sees a list with 1 team
- 1. a. 1. Sees a list no teams
- 1. a. 2. Sees a list with some incomplete teams
- 1. a. 3. Sees a mix of teams
- 1. a. 4. Deletes a team and refreshes

### **F3**

#### **Use Case: Less Than Min Teams**

**Title:** Less than Min Teams

**Primary Actor:** Instructor

**Goal:** An instructor wants to allow a team to have less than the minimum amount needed

**Precondition:** The TMS is ON

**Postcondition:** The team is complete with less than the minimum members

#### **Main Scenario**

1. Instructor sets team to complete regardless of teammate numbers

#### **Alternatives**

1. a. Sets a team of 1 to complete
1. a. 1. Sets a team after deadline

### **F4**

#### **Use Case: More Than Max Teams**

**Title:** More than Max Teams

**Primary Actor:** Instructor

**Goal:** An instructor wants to allow a team to have more than the max amount needed

**Precondition:** The TMS is ON

**Postcondition:** The team is complete with more than the max members

#### **Main Scenario**

1. Instructor sets team maximum limit individually
2. Team liaison is able to add another teammate

#### **Alternatives**

2. a. 1. Sets a team after deadline

## **F5**

### **Use Case: Add Members to a Team**

**Title:** Add Members to a Team

**Primary Actor:** Instructor

**Goal:** An instructor wants to add a member to a team

**Precondition:** The TMS is ON

**Postcondition:** The team has an extra member

### **Main Scenario**

1. Instructor adds a teammate

### **Alternatives**

1. a. Adds a teammate to a complete team
1. a. 1. Adds after deadline

## **F6**

### **Use Case: Remove Members from a Team**

**Title:** Remove Members from a Team

**Primary Actor:** Instructor

**Goal:** An instructor wants to remove a member from a team

**Precondition:** The TMS is ON

**Postcondition:** The team has one less member

### **Main Scenario**

1. Instructor adds a teammate

### **Alternatives**

1. a. Removes a teammate from a 1 man team
1. a. 1. Removes after deadline

## **F7**

### **Use Case: Allow Creation of Teams**

**Title:** Allow Creation of Teams

**Primary Actor:** Students

**Goal:** A student wants to create a team

**Precondition:** The TMS is ON, team creation is enabled

**Postcondition:** Student creates a team and becomes team liaison

### **Main Scenario**

1. Student enters team name and credentials
2. Team is created

### **Alternatives**

1. a. Student does not enter all information needed
2. a. 1. Student tries after deadline

## **F8**

### **Use Case: View Other Teams**

**Title:** View Other Teams

**Primary Actor:** Students

**Goal:** A student wants to view other teams

**Precondition:** The TMS is ON

**Postcondition:** Student views a list of teams

### **Main Scenario**

1. Student sees a list of teams

### **Alternatives**

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## **F9**

### **Use Case: Accept Member Application**

**Title:** Accept Member Application

**Primary Actor:** Students

**Goal:** A student wants accept a member into a non full team

**Precondition:** The TMS is ON

**Postcondition:** Team has an extra member

### **Main Scenario**

1. Student sees list of applicants
2. Applicant becomes team member

### **Alternatives**

- 2. a. Student accepts applicant into a full team
- 2. a. 1. Student tries after deadline

## **F11**

### **Use Case: View Team**

**Title:** View Team

**Primary Actor:** Students

**Goal:** A student wants to view team information

**Precondition:** The TMS is ON

**Postcondition:** Student is able to view team ID, team name, team date of creation, team members names with liaison indicator, and if it's complete or incomplete

### **Main Scenario**

- 1. Student see list with all of the information

### **Alternatives**

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## **F12**

### **Use Case: View Team Application**

**Title:** View Team Application

**Primary Actor:** Students

**Goal:** A student wants to view an applicants name

**Precondition:** The TMS is ON

**Postcondition:** Student is able to view a list of applicants

### **Main Scenario**

- 1. Student see list with all the applicants

### **Alternatives**

- 1. a. Views an empty list

## **F13**

### **Use Case: Accept Member Application**

**Title:** Accept Member Application

**Primary Actor:** Students

**Goal:** A student wants accept a member into a non full team

**Precondition:** The TMS is ON

**Postcondition:** Team has an extra member

### **Main Scenario**

- 1. Student sees list of applicants
- 2. Applicant becomes team member

### Alternatives

- 2. a. Student accepts applicant into a full team
- 2. a. 1. Student tries after deadline

### F14

#### Use Case: Register Account

**Title:** Register Account

**Primary Actor:** User (Instructor and user)

**Goal:** A User wants to make an account

**Precondition:** The TMS is ON

**Postcondition:** Account is created

#### Main Scenario

- 1. User puts in employee or student ID, password, full name and email address
- 2. Applicant becomes a user

### Alternatives

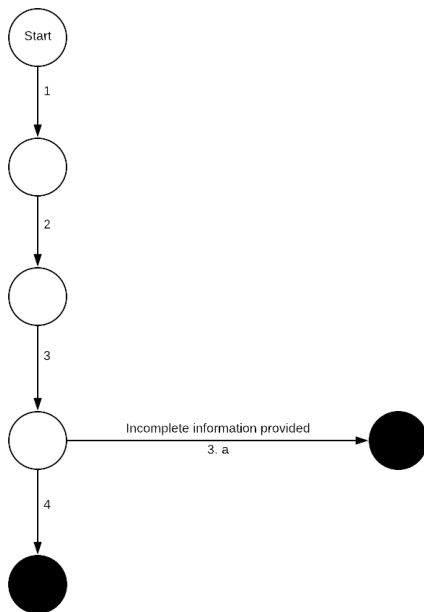
- 1. a. User does not enter all information needed

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**2**

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#### Register User



id	Events	Description
1.1	1-2-3-4	Complete information provided
1.2	1-2-3-3.a.	Incomplete information provided

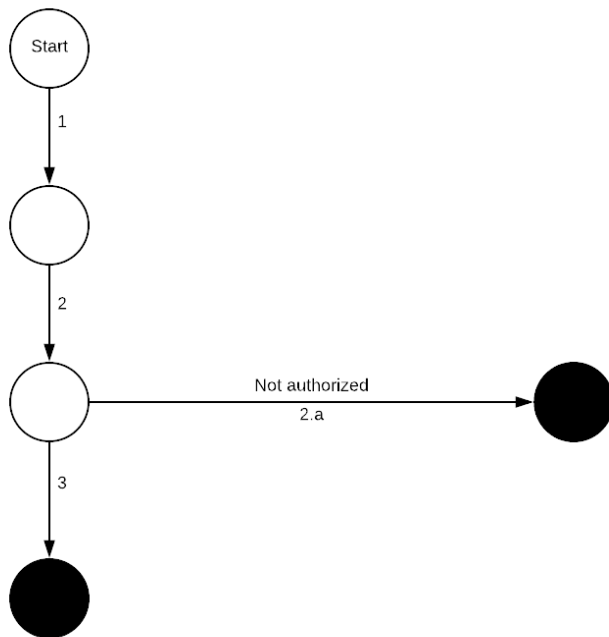
#### TC1.1

	External Case	Expected Reaction
1	ID: 30002131 Login Password: aefewadsa123 Name: Khang Nguyen Email: knguy082@uottawa.ca	Account created

#### TC1.2

	External Case	Expected Reaction
1	ID: 30002131 Login Password: aefewadsa123 Name: "" Email: knguy082@uottawa.ca	Invalid name

## Instructor login



id	Events	Description
2.1	1-2-3	Instructor enters authorized login info
2.2	1-2-2.a	Instructor enters unauthorized login info

### TC2.1

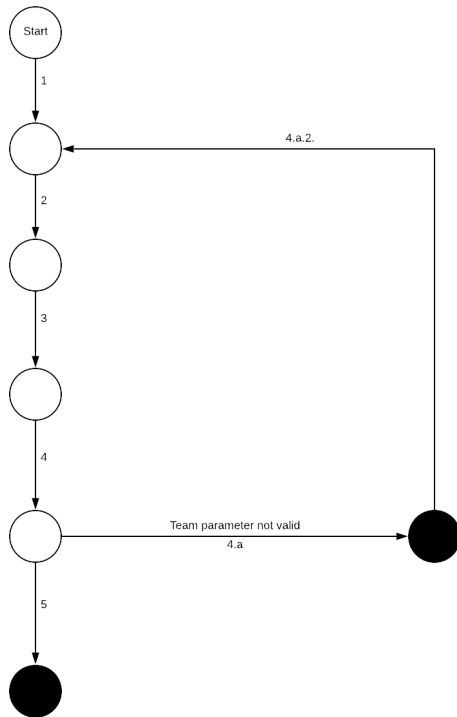
	External Case	Expected Reaction
1	ID: 30002131 Login Password: aefewadsa123	Logged in

### TC2.2

	External Case	Expected Reaction
1	ID: 30002134 Login Password: fdsafew	Not an instructor/wrong info



## Set up Parameter



id	Events	Description
3.1	1-2-3-4-5	Team parameter valid
3.2	1-2-3-4-4.a-2	Team parameter not valid

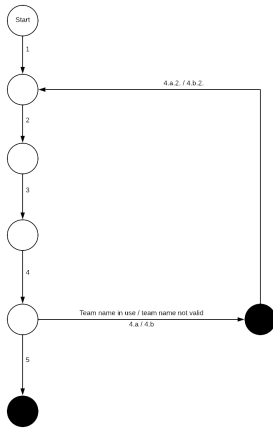
### TC3.1

	External Case	Expected Reaction
1	Course Code: ITI2100 Min:3 Max: 4 Deadline: 1/1/2020	Team creation created

### TC3.2

	External Case	Expected Reaction
1	Course Code: ITI2100 Min:3 Max: 4 Deadline: tomorrow	Team parameter not valid - back to step 2

## Create Team



id	Events	Description
4.1	1-2-3-4-5	Team name successful
4.2	1-2-3-4-4.a-2	Team name already in use
4.3	1-2-3-4-4.b-2	Team name not valid

### TC4.1

	External Case	Expected Reaction
1	Team name: Team Khang	Team created

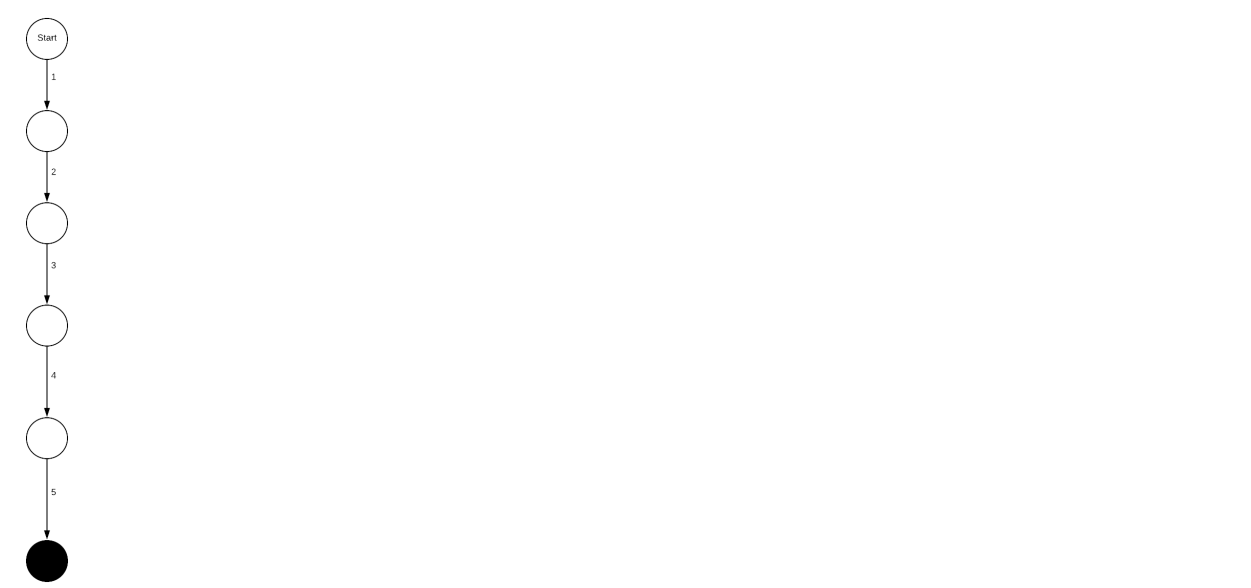
### TC4.2

	External Case	Expected Reaction
1	Team name:Team Khang	Team name taken

### TC4.3

	External Case	Expected Reaction
1	Team name: ""	Team name invalid

**Remove Member from Team**

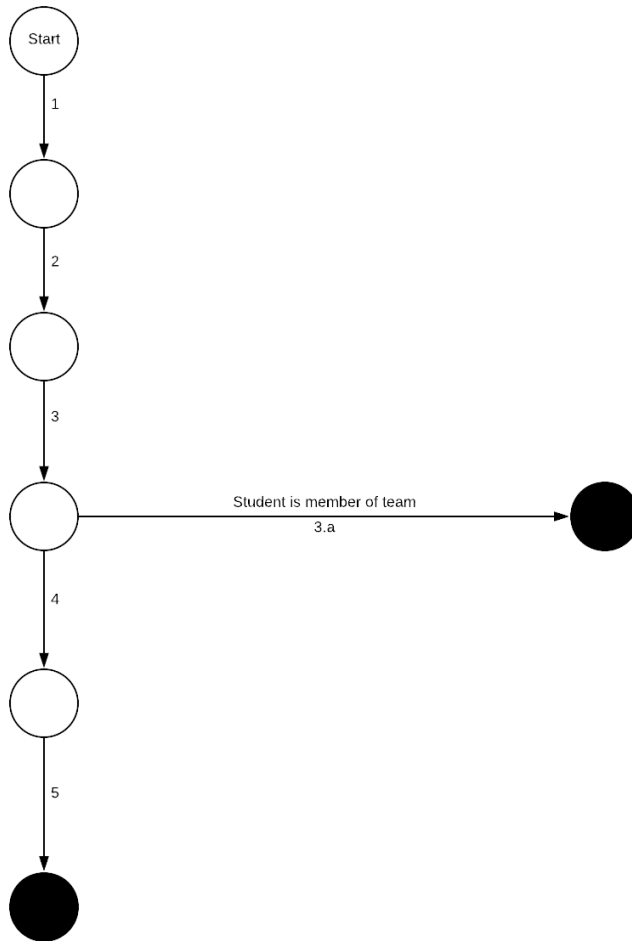


id	Events	Description
5.1	1-2-3-4-5	Removed member

**TC5.1**

	External Case	Expected Reaction
1	Remove Khang	Khang Removed

## Add Member to Team



id	Events	Description
6.1	1-2-3-4-5	Member added
6.2	1-2-3-3.a	Student is already member

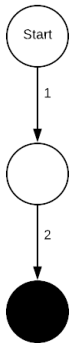
### TC6.1

	External Case	Expected Reaction
1	Member name: Khang	Member added

### TC6.2

	External Case	Expected Reaction
1	Member name: Khang	Student is already member

## Instructor log out

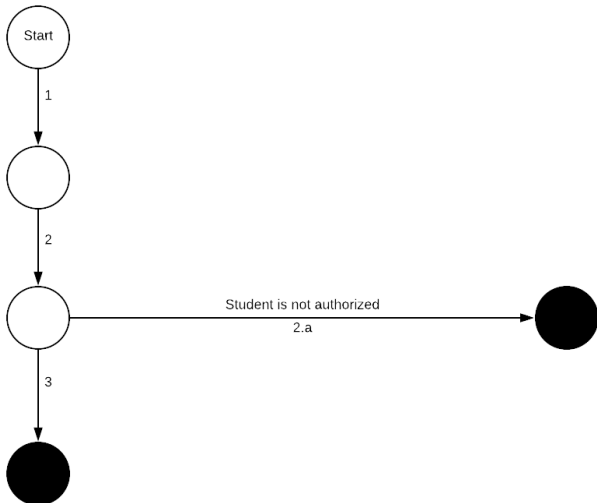


id	Events	Description
7.1	1-2	Logged out

## TC7.1

	External Case	Expected Reaction
1	Log out	Logged out

## Student login



id	Events	Description
8.1	1-2-3	Student is authorized

8.2	1-2-2.a	Student is not authorized
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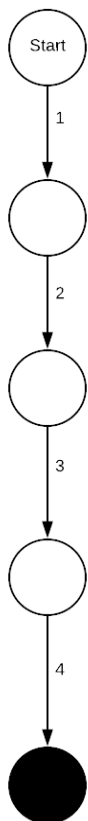
#### TC8.1

	External Case	Expected Reaction
1	ID: 30002134 Login Password: fdsafew	Logged in

#### TC8.2

	External Case	Expected Reaction
1	ID: 30002134 Login Password: fdsafew	Wrong info/not a student

#### Join Team

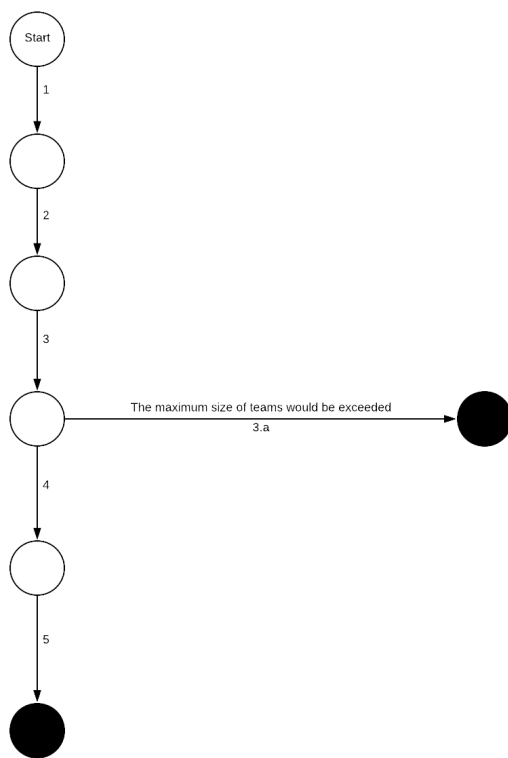


id	Events	Description
9.1	1-2-3-4	Team joined

#### TC9.1

	External Case	Expected Reaction
1	Join Team	Khang Joined

#### Accept New Students



id	Events	Description
10.1	1-2-3-4-5	Teammate added
10.2	1-2-3-3.a	Maximum size would be exceeded

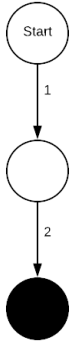
#### TC10.1

	External Case	Expected Reaction
1	Add Khang	Khang added

## TC10.2

	External Case	Expected Reaction
1	Add Khang	Team size exceeded

## Student log out



id	Events	Description
11.1	1-2	Logged out

## TC11.1

	External Case	Expected Reaction
1	Log out	Logged out