

TC2.1 Alphabet and Requirements

Alphabet Key

| | |
|------|----------------------------|
| TC | Team Captain |
| UI | User Interface |
| RS | Roster System |
| DBMS | Database Management System |
| EMS | E-Mail Server |
| → | Input |
| ← | Output |

Alphabet in sequential order:

| <u>Alphabet</u> | <u>Flow of information</u> | <u>Description of Flow</u> |
|---|----------------------------|----------------------------|
| ClickSignUpTeamCapt | → | TC to UI |
| ReturnTeamCaptSignUpForm | ← | UI to TC |
| SignUpInformation | → | TC to UI |
| UserInfoValid | | UI to UI check |
| ReturnUserNameAndPassForm | ← | UI to TC |
| RequestedUserNameAndPass | → | TC to UI |
| UserNameAndPass (checking for UniqueID) | → | UI to RS |
| CheckPassMatch | → | UI to UI check |
| CheckEntryUserName (checking for UniqueID) | → | RS to DBMS |
| Success | ← | DBMS to RS to UI |
| TermsAndConditions | ← | UI to TC |
| AgreedTermsAndConditions | → | TC to UI |
| ClickSubmit | → | TC to UI |
| CreateUserNameAndPass | → | UI to RS to DBMS |
| Success | ← | DBMS to RS to UI |
| SendSignUpInfo | → | UI to RS |
| SaveTcSignUpInfo | → | RS to DBMS |
| Success | ← | DBMS to RS to UI |
| SendConfirmationEmail | → | UI to EMS |
| Success | ← | EMS to UI |
| ConfirmationSent | ← | UI to TC |
| EnterConfirmationNumbr | ← | UI to TC |
| ConfirmationNumber | → | TC to UI |
| EmailConfirmed | → | UI to DBMS |
| Success | ← | DBMS to UI |
| ConfirmedEmail | ← | UI to TC |

Requirements for TC2.1

2.1. TC clicks **New Signup:**

2.1.1 TC enters form fill up page.

2.1.1a TC provides: Last Name, First Name, MI, Primary Email, Secondary email (optional), Address, Phone, username, password, password recovery questionnaire, Preferred Position

i. if `SignUpInformation == UserInfoValid`,
Then UI `ReturnUserNameAndPassForm`

2.1.1b Username and Password:

i. Username: UI `CheckEntryUserName` in the database for unique name

1. If `CheckEntryUserName != UniqueID`,
Then return error message and suggest available names.
2. If `CheckEntryUserName == UniqueID`,
Then, return Success

ii. Enter password

1. password will have requirements such as alpha numeric, min and max length, at least one special characters, at least one upper case char

iii. Confirm Password →

1. re-enter password: confirmation (match with the previous)
 - a. `Match == True` → return Success
 - b. `Match != False` → display Error message, GoTo iii.

2.1.1c Terms and Conditions.

1. If user clicks to view read `TermsAndConditions`
 - a. Open in new page/tab HTML, Pdf version.
 - b. Provide an option to email terms and condition if user decides to read it later.
2. TC declines terms, GoTo 2.1.1b
3. If `AgreedTermsAndConditions == True`,
Then TC can `ClickSubmit`

2.1.2 Submit form.

2.1.3a Once `ClickSubmit == True`,
`CreateUserNameAndPass` is sent through roster system to database.
Return Success to Roster system and User Interface.

2.1.3b If `CreateUserNameAndPass == Success`

Then UI sends `SignUpInformation` to Database. Returns Success

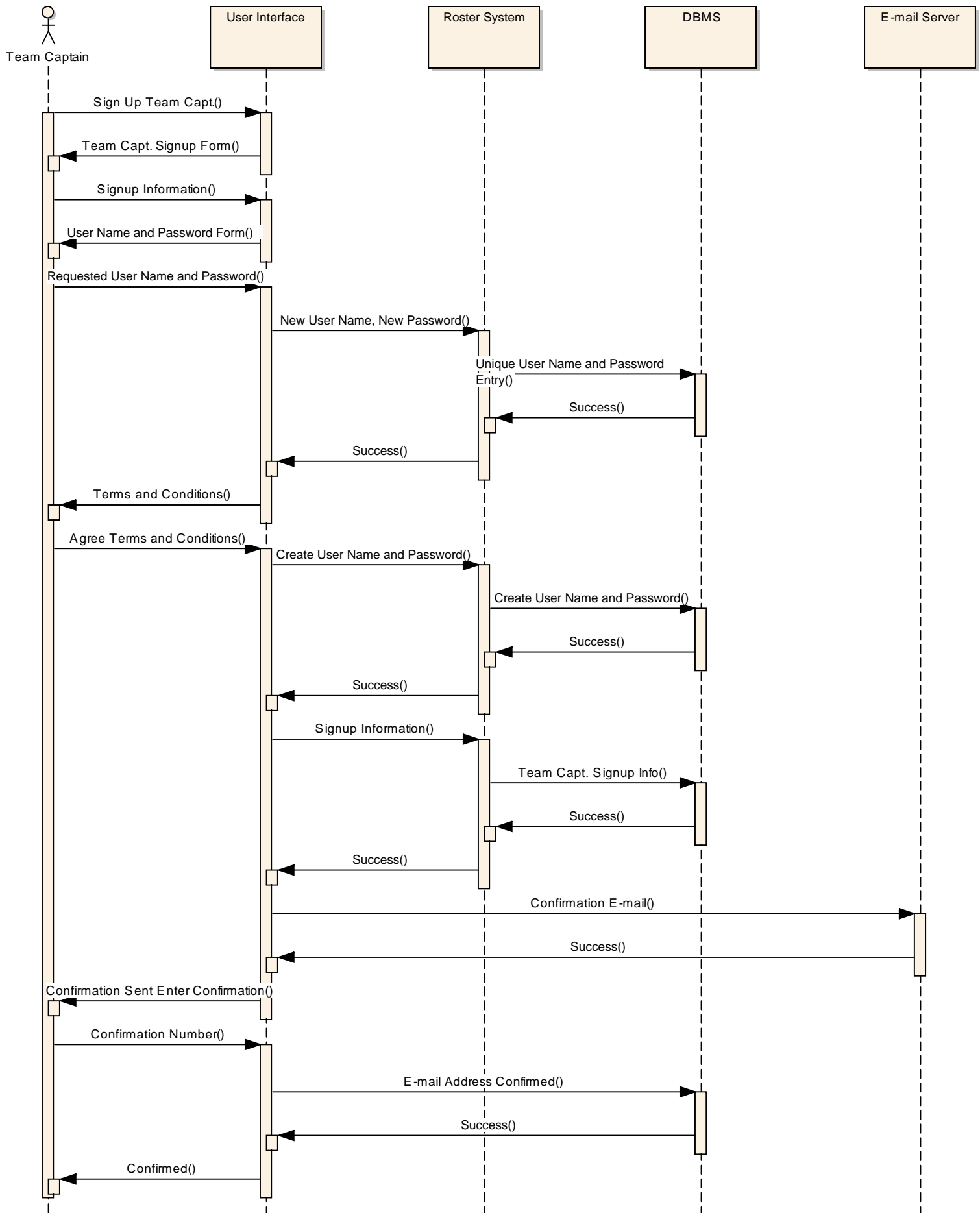
1. If `SignUpInformation == Success`
Then UI `SendConfirmationEmail` to TC's Email Server
2. If `SendConfirmationEmail == Success`
Return Success to UI, Return `ConfirmationSent` to UI

2.1.4 Confirming Account:

2.1.5a TC enters `ConfirmationNumber` received in his email

1. If `EmailConfirmed == Success`
Return Confirmed to UI

2.1.5 TC has a default welcome email.



(from Use Case View)