**TC2.1 Alphabet and Requirements**

Alphabet Key

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

Alphabet in sequential order:

|  |  |  |
| --- | --- | --- |
| **Alphabet** | **Flow of information** | **Description of Flow** |
| 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

1. if SignUpInformation == UserInfoValid,

Then UI ReturnUserNameAndPassForm

2.1.1b Username and Password:

1. Username: UI CheckEntryUserName in the database for unique name
2. If CheckEntryUserName != UniqueID,

Then return error message and suggest available names.

1. If CheckEntryUserName == UniqueID,

Then, return Success

1. Enter password
2. password will have requirements such as alpha numeric, min and max length, at least one special characters, at least one upper case char
3. Confirm Password 🡪
4. re-enter password: confirmation (match with the previous)
   1. Match == True 🡪 return Success
   2. Match != False 🡪 display Error message, GoTo iii.

2.1.1c Terms and Conditions.

1. If user clicks to view read TermsAndConditions
   1. Open in new page/tab HTML, Pdf version.
   2. 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

1. 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.