TC1.1 Alphabet and Requirements

TC	Team Captain
UI	User Interface
RS	Roster System
DBMS	Database Management System
HDD	Hard Drive
→	Input
←	Output

Alphabet in sequential order:

Alphabet	Flow of Information	Description of Flow
TC_StartApplication	→	TC to HDD
RSLoaded	←	HDD to TC
Click_TC_Login	→	TC to UI
TC_Login	→	UI to RS
ReturnLoginForm	←	UI to TC
LoginSuccess	←	DBMS to RS to UI
LoggedIn	←	UI to TC
Click_TC_SignUp	→	TC to UI
TC_SignUp	→	UI to RS
SignUpSuccess	←	DBMS to RS to UI
AccoutCreated	←	UI to TC
GoToTC2.2	←	UI to TC
Click_Cancel	→	TC to UI
Exit_Application	→	UI to RS

Requirements for TC1.1
1.1 TC decides to Launch Application

      1.1.1 UI checks HDD for install

          1.1.1a If ApplicationInstallSuccess == true

            Then RSLoaded

              i. RS asks for TC_Login, TC_SignUp, Cancel

                  1. If Click_TC_Login == true

                      Then GoToTC2.1 → LoginSuccess

                  2. If Click_TC_SignUP == true

                      Then GoToTC2.2 → SignUpSuccess && AccountCreated

                  3. If Click_Cancel == true

                      Then Application_Close

Team Captain | **User Interface** | **HDD** | **RosterSystem** | **DBMS**

TCStartApplication()

ProgramLoaded()

ReturnLoginOrSignUp()

IfLogin

TC_Login()

ReturnLoginForm()

TC2.2()

TC2.2()

TC2.2()

Success()

Success()

LoggedIn()

IfSignUp

TC_SignUp()

ReturnsSignUpForm()

TC2.1()

TC2.1()

TC2.1()

Success()

Success()

AccountCreated()

GoToTC2.2()

IfCancel

Exit_Application()

Exit_Application()

Application_Closed()

Application_Closed()