

TC 4.1 Alphabet and Requirements

Alphabet Key

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

Alphabet in sequential order:

<u>Alphabet</u>	<u>Flow of information</u>	<u>Description of Flow</u>
View Roster	→	TC to UI
Roster Form	←	UI to TC
Edit Roster Information	→	TC to UI
Request_Roster_Information	→	UI to RS
Editable Roster	←	UI to TC
Editable Roster Form	←	UI to TC
Edited Information	→	TC to UI
Edited_User_Information	→	UI to DBMS
Success	←	DBMS to UI
Successful Edit	←	UI to TC

Requirements for TC 4.1

4. TC clicks View/Edit Roster:

4.1. TC enters Roster Form.

4.1.1. if TC clicks Edit Roster Information

4.1.1.1. UI Request_Roster_Information from RS

4.1.1.2. RS sends Editable_Roster to UI

4.1.1.3. UI sends Editable Roster Form to TC

4.1.2. TC edits Roster Form

4.1.2.1. TC sends Edited Information to UI

4.1.2.2. UI sends Edited_User_Information to DBMS

4.1.2.2.1. if roster information field is empty
then field == null

4.1.2.2.2. if roster information is populated
then update roster information

4.1.2.3. DBMS → returns _Success to UI

4.1.2.3.1. if database update was successful
then send _Success to UI

4.1.2.3.2. if database update failed
then send update failed

4.1.2.4. UI → returns Successful Edit to TC

4.1.2.4.1. if UI received _Success from DBMS
then user is presented with Successful Edit

4.1.2.4.2. if UI did not receive _Success from DBMS
then user is presented with edit failed

