

Iskolendar
Requirements Traceability Matrix

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History Revision:

Revision Date	Person Responsible	Version Number	Modification
11/16/2018	Patrick Joseph Sanchez	1.0	Prepared the Initial Draft
11/17/2018	Christel Espino	1.1	Added User Acceptance Test Cases for UC3.0
11/22/2018	Allure Tanquintic	1.2	Added User Acceptance Test Cases for UC1.0 and UC2.0
11/23/2018	Christel Espino	1.3	Added User Acceptance Test Cases for UC6.0
11/23/2018	Patrick Joseph Sanchez	1.4	Added User Acceptance Test Cases for UC4.0 and UC5.0

Use Case	Description
UC1.0	Log-in: The system should be able to allow the user to have log-in
UC2.0	View main calendar: This includes viewing the event details.
UC2.1	View "going". Enables the user to view the people who are planning to
UC3.0	Maintain personal calendar: Student users should be able to add and
UC3.1	Join Event. Student users can add events to their personal calendar.
UC3.2	Remove Event. Student users can remove events in their personal
UC4.0	Maintain main calendar: System admins (eng'g org leaders) should be
UC4.1	Create Event. System admins can create and add an event into the main
UC4.2	Edit Event. System admins can edit an event they had created in case
UC4.3	Delete Event. System admins can delete or remove an event they had
UC 5.0	View Announcements. Students can view announcements made by the orgs
UC 6.0	Maintain Announcements. Eng'g org leaders should be able to create, edit, and

Scenarios

Use Case	Scenario	RTM	Scenario Description	Priority
UC1.0	S1	UC1-S1	Successful Log-in	Must Have
UC1.0	S2	UC1-S2	Invalid Username	Must Have
UC1.0	S3	UC1-S3	Invalid Password	Must Have
UC1.0	S4	UC1-S4	Non-registered user	Should have
UC1.0	S5	UC1-S5	No database connection	Must Have
UC2.0	S1	UC2-S1	Successful viewing of the main calendar after login	Must Have
UC2.0	S2	UC2-S2	Successful viewing of the main calendar using home button	Must Have
UC2.0	S3	UC2-S3	Successful viewing of events (specific date)	Must Have
UC2.0	S4	UC2-S4	No database connection	Must Have
UC2.1	S1	UC2.1-S1	Successful viewing of participants	Must Have
UC2.1	S2	UC2.1-S2	No database connection	Must Have
UC3.1	S1	UC3.1-S1	Successful joining of an event (add to personal calendar)	Must Have
UC3.1	S2	UC3.1-S2	Invalid: Event has reached max. participants	Must Have
UC3.1	S3	UC3.1-S3	Invalid: Student's college / degree program is out of scope	Must Have
UC3.1	S4	UC3.1-S4	Invalid: Student already exists as participant in event	Must Have
UC3.1	S5	UC3.1-S5	Successful add event to bookmarks	Must Have
UC3.1	S6	UC3.1-S6	Invalid: Event already exists in student's bookmarks	Must Have
UC3.1	S7	UC3.1-S7	Invalid: No database connection	Must Have
UC3.2	S8	UC3.2-S8	Successful remove event	Must Have
UC3.2	S9	UC3.2-S9	Successful display postponed events	Should Have
UC3.2	S10	UC3.2-S10	Successful display cancelled events	Should Have
UC3.2	S11	UC3.2-S11	Invalid: No database connection	Must Have
UC4.1	S1	UC4.1-S1	Successful creating an event	Must Have
UC4.1	S2	UC4.1-S2	Invalid: Incomplete information	Must Have
UC4.2	S3	UC4.2-S3	Successful editing an event	Must Have
UC4.3	S4	UC4.3-S4	Successful deleting an event	Must Have

Scenarios

UC4.0	S4	UC4-S5	Invalid: No database connection	Must Have
UC5.0	S1	UC5-S1	Successful viewing of announcements	Must Have
UC6.0	S1	UC6-S1	Successful create announcement	Must Have
UC6.0	S2	UC6-S2	Invalid: Incomplete information	Must Have
UC6.0	S3	UC6-S3	Invalid: Event does not exist	Must Have
UC6.0	S4	UC6-S4	Successful editing of announcement	Must Have
UC6.0	S5	UC6-S5	Successful deleting of announcement	Must Have
UC6.0	S6	UC6-S6	Invalid: No database connection	Must Have

Use Case No.	Scenario No.	RTM ID	Scenario Description	User Name Valid	User Password Valid	User Account exists in system	Database connection active
UC1.0	S1	UC1-S1	Successful Log-in	artanquintic	password	Yes	Yes
UC1.0	S2	UC1-S2	Invalid Username	noartanquintic	password	Yes	Yes
UC1.0	S3	UC1-S3	Invalid Password	artanquintic	nopassword	Yes	Yes
UC1.0	S4	UC1-S4	Non-registered user	newusername	password	No	Yes
UC1.0	S5	UC1-S5	No database connection	artanquintic	password	Yes	No

Expected Results

Home page will be displayed

Error Message: Invalid User Name

Error Message: Invalid Password

Error Message: User not registered.

Error Message: Timeout

Use Case No.	Scenario No.	RTM ID	Scenario Description	Database connection active
UC2.0	S1	UC2-S1	Successful viewing of the main calendar after login	Yes
UC2.0	S2	UC2-S2	Successful viewing of the main calendar using home button	Yes
UC2.0	S3	UC2-S3	Successful viewing of events (specific date)	Yes
UC2.0	S4	UC2-S4	No database connection	Yes
UC2.1	S1	UC2.1-S1	Successful viewing of participants	Yes
UC2.1	S2	UC2.1-S2	No database connection	Yes

Expected Results

Main calendar will be displayed

Main calendar will be displayed

Events will be displayed

Error Message: Timeout

Participants of the event will be displayed

Error Message: Timeout

Use Case No.	Scenario No.	RTM	Scenario Description	Database	Student-Event /
UC3.1	S1	UC3.1-S1	Successful joining of an event (add to personal calendar)	yes	no
UC3.1	S2	UC3.1-S2	Invalid: Event has reached max. participants	yes	no
UC3.1	S3	UC3.1-S3	Invalid: Student's college / degree program is out of scope	yes	no
UC3.1	S4	UC3.1-S4	Invalid: Student already exists as participant in event	yes	yes
UC3.1	S5	UC3.1-S5	Successful add event to bookmarks	yes	no
UC3.1	S6	UC3.1-S6	Invalid: Event already exists in student's bookmarks	yes	yes
UC3.1	S7	UC3.1-S7	Invalid: No database connection	no	no
UC3.2	S8	UC3.2-S8	Successful remove event	yes	yes
UC3.2	S9	UC3.2-S9	Successful display postponed events	yes	yes
UC3.2	S10	UC3.2-S10	Successful display cancelled events	yes	yes
UC3.2	S11	UC3.2-S11	Invalid: No database connection	no	yes

Student passed**Expected Results**

- yes Confirmation Message: Student has joined event and it is added to the personal calendar.
- no Error Message: Event has reached limit
- no Error Message: Student's college / degree program is out of scope
- yes Error Message: Student is already a participant.
- Confirmation Message: Student has bookmarked the event and it is added to the personal calendar.
- Error Message: Event is already in bookmarks.
- yes Error Message: Timeout.
- Confirmation Message: Student has cancelled his participation in event.
- Confirmation Message: Event moved to a new date and removed from personal calendar.
- Confirmation Message: Event cancelled and removed from personal calendar.
- Error Message: Timeout.

Use Case No.	Scenario No.	RTM ID	Scenario Description	Database connection active	Event record exists in database	Event data complete
UC4.0	S1	UC4.1-S1	Successful creating an event	yes	yes	yes
UC4.0	S2	UC4.1-S2	Invalid: Incomplete information	yes	no	no
UC4.0	S3	UC4.2-S3	Successful editing an event	yes	yes	yes
UC4.0	S4	UC4.3-S4	Successful deleting an event	yes	no	yes
UC4.0	S5	UC4-S5	Invalid: No database connection	no	no	no

Expected Results

Confirmation Message: Admin has created the event

Error Message: Required fields not filled in

Confirmation Message: The changes you have made will be saved

Confirmation Message: This event will be deleted.

Error Message: Timeout

Use Case No.	Scenario No.	RTM ID	Scenario Description	Database connection active	Announcement record exists in database	Announcement data complete
UC5.0	S1	UC5-S1	Successful viewing o	yes	yes	yes
UC5.0	S2	UC5-S2	Invalid: No database	no	no	no

Expected Results

User has viewed an announcement

Error Message: Timeout

Use Case No.	Scenario No.	RTM	Scenario Description	Database	Event record	Announcement
UC6.0	S1	UC6-S1	Successful create announcement	yes	yes	yes
UC6.0	S2	UC6-S2	Invalid: Incomplete information	yes	yes	no
UC6.0	S3	UC6-S3	Invalid: Event does not exist	yes	no	yes
UC6.0	S4	UC6-S4	Successful editing of announcement	yes	yes	yes
UC6.0	S5	UC6-S5	Successful deleting of announcement	yes	yes	yes
UC6.0	S6	UC6-S6	Invalid: No database connection	no	yes	yes

Expected Results

Confirmation Message: Admin has posted the announcement

Error Message: Required fields not filled in

Error Message: The event you are creating an announcement for doesn't exist.

Confirmation Message: The changes you have made will be saved

Confirmation Message: The announcement you made will be deleted

Error Message: Timeout