

Iskolivery: A Crowdsourced Courier Service

Requirements Traceability Matrix

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Revision Date	Person Responsible	Version Number	Modification
11/18/2018	Bridget Legaspi	1.0	Prepared initial document
11/23/2018	Bridget Legaspi	2.0	Added use case, scenarios, and UC1.0-UC4.0 UATs
11/23/2018	Marc Teves	2.1	Added use case, scenarios, and UC5.0, UC7.0, UC10.0 UATs
11/23/2018	Aleksei Fernandez	2.2	Added UC6.0, UC8.0, UC9.0 UATs

Use Case

Use Case No.	Description
UC1.0	Admin can manage the records of all user accounts. This use case is extended to two more use-cases: verifying and disabling user accounts.
UC1.1	One feature of Iskolivery is to make sure that the pool of users are only UP students, hence the verification of user accounts. UP Mail must be used during sign up and verified further if the registered UP Mail exists. This use case is only applicable for the admin.
UC2.0	Admin can disable (with deliberation) user accounts that are complained by other users, or disable user accounts that violate the Iskolivery's terms and conditions. General user can also opt to disable their own user account.
UC3.0	General user can update their user account information. Updated information is useful for the "matchmaking" algorithm of the application and contacting the user. The only attribute that the admin can update is whether the account is still active or disabled.
UC4.0	General user can view the information of other users. This is helpful for requesters to know the rating of their fulfillers, and vice versa. For the admin side, this is useful for deliberating complained users.
UC5.0	A requester can rate the fulfiller (ideally, based on the ease of transaction between the fulfiller and requester).
UC6.0	A user can make a complaint on another user (ideally, if the user being complained about is practicing disruptive behavior). This shall be reviewed by the administrator
UC7.0	A requester can manage requests he/she posted.
UC7.1	A requester can post new requests. The user must include a minimum amount of information before the request can be posted.
UC7.2	A requester can update the details of a request he/she posted.
UC7.3	If it is not currently accepted by a fulfiller, a requester can delete a request he/she posted.
UC8.0	A fulfiller can manage their accepted requests. They may either accept a request or cancel an accepted request.
UC8.1	A fulfiller can accept requests of requesters. Accepting the request will hold the fulfiller responsible for completing the request and will hide the request from other fulfillers.
UC8.2	A fulfiller can cancel an accepted request. Cancelling will make the request available again to other fulfillers. A fulfiller that cancels an accepted request may be penalized.
UC9.0	A fulfiller can rate the requester (ideally, based on the ease of transaction between the fulfiller and requester).
UC 10.0	A user can log-in to the application using a username and password. Invalid information prevents a user from logging in.

Scenarios

Use Case No.	Scenario No.	RTM ID	Scenario Description	Priority Status
UC1.0	S1	UC1-S1	Admin manage all user accounts record	Must Have
UC1.0	S2	UC1-S2	Admin verifies user account (also UC1.1)	Must Have
UC1.0	S3	UC1-S3	Invalid user account	Must Have
UC1.0	S4	UC1-S4	Disable user account (also UC2.0)	Must Have
UC2.0	S1	UC2-S1	Admin disables user account	Must Have
UC2.0	S2	UC2-S2	User disables own user account	Should Have
UC3.0	S1	UC3-S1	Admin updates user account	Must Have
UC3.0	S2	UC3-S2	User updates own user account	Must Have
UC4.0	S1	UC4-S1	Admin views user account	Must Have
UC4.0	S2	UC4-S2	User views other user account	Should Have
UC5.0	S1	UC5-S1	Requester rates a fulfiller	Should Have
UC 5.0	S2	UC5-S2	Requester skips rating a fulfiller	Can Have
UC6.0	S1	UC6-S1	User complains another user	Should Have
UC7.0	S1	UC7-S1	Requester posts a request	Must Have
UC7.0	S2	UC7-S2	Requester edits a request	Should Have
UC7.0	S3	UC7-S3	Requester deletes a request	Should Have
UC8.0	S1	UC8-S1	Fulfiller manages his accepted requests	Must Have
UC8.0	S2	UC8-S2	Fulfiller accepts a request	Must Have
UC8.0	S3	UC8-S3	Fulfiller cancels an accepted request	Must Have
UC 9.0	S1	UC9-S1	Fulfiller rates requester	Should Have
UC9.0	S2	UC9-S2	Fulfiller skips rating requester	Can Have
UC10.0	S1	UC10-S1	Successful Log-in	Must Have
UC10.0	S2	UC10-S2	Invalid Username	Must Have
UC10.0	S3	UC10-S3	Invalid Password	Must Have
UC10.0	S5	UC10-S5	No database connection	Must Have
UC10.0	S6	UC10-S6	User disabled	Must Have

UC1.0 UAT

Use Case No.	Scenario No.	RTM ID	Scenario Description	General user account enabled	Administrator account enabled	UPMail used	User account exists in the system	Database connection active	Expected Results
UC1.0	S1	UC1-S1	Admin manage all user accounts record	No	Yes	Yes	Yes	Yes	Admin dashboard will be displayed
UC1.0	S2	UC1-S2	Admin verifies user account (also UC1.1)	No	Yes	Yes	No	Yes	User account successfully verified and added to system
UC1.1	S3	UC1-S3	Invalid user account	No	Yes	No	No	Yes	Error Message: Invalid user account
UC1.0	S4	UC1-S4	Disable user account (also UC2.0)	No	Yes	Yes	Yes	Yes	User account successfully disabled

UC2.0 UAT

Use Case No.	Scenario No.	RTM ID	Scenario Description	General user account enabled	Administrator account enabled	User account exists in the system	Database connection active	Expected Results
UC2.0	S1	UC2-S1	Admin disables user account	No	Yes	Yes	Yes	User account successfully disabled
UC2.0	S2	UC2-S2	User disables own user account	Yes	No	Yes	Yes	User account successfully disabled

UC3.0 UAT

Use Case No.	Scenario No.	RTM ID	Scenario Description	General user account enabled	Administrator account enabled	User account exists in the system	Database connection active	Expected Results
UC3.0	S1	UC3-S1	Admin updates user account	No	Yes	Yes	Yes	User account successfully updated
UC3.0	S2	UC3-S2	User updates own user account	Yes	No	Yes	Yes	User account successfully updated

UC4.0 UAT

Use Case No.	Scenario No.	RTM ID	Scenario Description	General user account enabled	Administrator account enabled	User account exists in the system	Database connection active	Expected Results
UC4.0	S1	UC4-S1	Admin views user account	No	Yes	Yes	Yes	Display selected user account profile
UC4.0	S2	UC4-S2	User views other user account	Yes	No	Yes	Yes	Display selected user account profile

UC5.0 UAT

Use Case No.	Scenario No.	RTM ID	Scenario Description	User enabled	Database connection active	Expected Results
UC5.0	S1	UC5-S1	Requester rates a fulfiller	Yes	Yes	Fulfiller rating updated and rating queue for requester reduced.
UC5.0	S2	UC5-S2	Requester rates a fulfiller but loses connection	Yes	No	Fulfiller rating NOT updated and rating prompt remains in requester's rating queue. Error Message: No internet connection
UC5.0	S3	UC5-S3	Requester rates a fulfiller but account is disabled	No	Yes	Fulfiller rating NOT updated and rating prompt remains in requester's rating queue. Error Message: Account disabled

UC6.0 UAT

Use Case No.	Scenario No.	RTM ID	Scenario Description	User Name Valid	Database connection active	Expected Results
UC6.0	S1	UC6-S1	User complains another user	Yes	Yes	A complaint on complained user by complaining user is submitted.

UC7.0 UAT

Use Case No.	Scenario No.	RTM ID	Scenario Description	User enabled	Database connection active	Expected Results
UC7.0	S1	UC7-S1	Requester posts a request	Yes	Yes	Display success message. Newly posted request available for viewing.
UC7.0	S2	UC7-S2	Requester edits a request	Yes	Yes	Display success message. Selected request edited.
UC7.0	S3	UC7-S3	Requester deletes a request	Yes	Yes	Display success message. Request is deleted.
UC7.0	S4	UC7-S4	Requester manages requests but loses connection	Yes	No	Error Message: No internet connection
UC7.0	S5	UC7-S5	Requester manages requests but account is disabled	No	Yes	Error Message: Account disabled

UC8.0 UAT

Use Case No.	Scenario No.	RTM ID	Scenario Description	User Name Valid	Database connection active	Expected Results
UC8.0	S1	UC8-S1	Fulfiller manages his accepted requests	Yes	Yes	A view of all the fulfiller's accepted requests will be displayed. From there, they could view the details of each request.
UC8.0	S2	UC8-S2	Fulfiller accepts a request	Yes	Yes	Request is added to fulfiller's accepted requests.
UC8.0	S3	UC8-S3	Fulfiller cancels an accepted request	Yes	Yes	Request is removed from fulfiller's accepted requests.

UC9.0 UAT

Use Case No.	Scenario No.	RTM ID	Scenario Description	User Name Valid	Database connection active	Expected Results
UC 9.0	S1	UC9-S1	Fulfiller rates requester	Yes	Yes	Requester's rating is updated

UC10.0 UAT

Use Case No.	Scenario No.	RTM ID	Scenario Description	User Name Valid	User Password Valid	Database connection active	User enabled	Expected Results
UC10.0	S1	UC10-S1	Successful Log-in	Yes	Yes	Yes	Yes	Home page will be displayed
UC10.0	S2	UC10-S2	Invalid Username	No	Yes	Yes	Yes	Error Message: Invalid User Name / User not registered
UC10.0	S3	UC10-S3	Invalid Password	Yes	No	Yes	Yes	Error Message: Invalid Password
UC10.0	S5	UC10-S5	No database connection	Yes	Yes	No	Yes	Error Message: Timeout
UC10.0	S6	UC10-S6	User disabled	Yes	Yes	Yes	No	Home page will be displayed, notify user that they are disabled