



Milestone II

Product Features and Traceability Matrix

for
Tag@Tack
t@gWorld

Response to RFP # 2013002 Submitted to
MyTacks
by

Group 10

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Revision History:

Revision	Date	Originator	Comments
1	09/15/2013	Group 10	Initial version
2	09/17/2013	Group 10	Revision 2
3	10/22/2013	Group 10	Revision 3

Changes have been made as the understanding of the system features, operations and technology has grown.

2. MyTacks Features and Traceability Matrix

2.1 List of prioritized software features

2.1.1 Essential Software Features

Essential features are the features the system has to deliver in order to satisfy the customer expectations and basic user requirements.

EF1: Essential feature 1: Sign Up Via E-mail

The user shall sign up to Tag@Tacks application using normal procedure where user shall provide the First Name, Last Name and E-mail Address as mandatory information. An E-mail with confirmation link will be sent to the E-mail address provided by the user.

EF2: Essential feature 2: Sign Up Via Facebook

The user shall sign up to Tag@Tacks application using Facebook account held by the user. The user shall provide confirmation for the information provided by Facebook as per the Facebook account records.

EF3: Essential feature 3: Confirmation via E-mail

Once the user completes the sign up procedure, a confirmation link shall be provided to the email address given by the user in sign up information. User shall click on the confirmation link in order to complete the Registration process.

EF4: Essential feature 4: Sign in Via E-mail Address

User shall sign in to Tag@Tacks application by providing User ID (E-mail Address), Password in order to use the features provided by the application.

EF5: Essential feature 5: Sign in Via Facebook

User shall sign in to Tag@Tacks application by providing Facebook credentials (ID, Password) in order to use the features provided by the application.

EF6: Essential feature 6: Create a Board

The user should click on the create board link in order to add a particular board to the profile.

EF7: Essential feature 7: Edit a Board

The user should click on the edit board link in order to add/delete particular tacks to/from that board respectively

EF8: Essential feature 8: Add Tacks

The user should click on the add tacks link in order to add the tack(s) to particular board. The tacks can be uploaded by using File Browser or can be added by providing the URL to the board

EF9: Essential feature 9: Forgot Password

User shall click on the “forgot password” link in order to retrieve the password on the registered email address. Once the user clicks on the “forgot password” link, the user has to provide the email address registered with Tag@Tacks and the password will be sent to the given email address.

EF10: Essential feature 10: Follow a Board

The user should click on the follow board link in order to follow a particular board created by other user. The user can keep track of how many boards the user is following and in addition to that the user can also know how many users are following its own board(s).

EF11: Essential feature 11: Like Tacks

The user should click on the like tacks button in order to save that particular tack in your like list of the profile.

EF12: Essential feature 12: Edit Personal Information

The user should click on the edit profile link in order to make changes to personal information.

EF13: Essential feature 13: Logout

User shall click on the logout button in order to sign out from the application.

2.1.2 Desirable Software Features

Desirable features are the functionalities in the application which add the value to the system.

DF1: Desirable feature 1: Quick guide

The user should click on the Quick guide tab to see a short video which includes the demo of how to create a board, add tacks to it and other things that can help user to use the application in much easier way.

DF2: Desirable feature 2: Redirect to the bookmarked website

The user should click on any of the tacks to redirect to the mapped website for that particular tack.

DF3: Desirable feature 3: Private/Public Board Management

The user should click the Private/Public button in order to publish boards as per the user's requirement.

DF4: Desirable feature 4: Block Followers

The user should be able to restrict other members to stop following his/her board.

DF5: Desirable feature 5: Search a friend

The user should be able to search his/her friends registered on the application/website. The user has to type few keywords of the person's name in the search field and he/she will be able to see find the particular person.

DF6: Desirable feature 6: Deletion of the Account

The user should click on the delete account link to delete the account from the Tag@Tacks application.

2.1.3 Optional Software Features

Operational features can be implemented after the system is developed as the resources and time is sufficient even after the system has been completed. Operational features are mostly easy to incorporate as these are coupled to the system after the system has been developed.

OF1: Optional feature 1: Counter for Following and Followers of the board

The user could be able to see the number of people followed by the user. In addition to that the user can also see how many people follow the user's board(s).

OF2: Optional feature 2: Counter of Tacks liked by the user

The user could be able to see the total number of tacks liked by the user.

OF3: Optional feature 3: Retack the tacks

The user could be able to retack the tacks which are already been deleted from its own boards.

OF4: Optional feature 4: Multi linguistic support

The user could select the particular language from a drop down list and the application information will be translated to that particular language, which makes easy for different users to interact with the application.

2.2 Traceability matrix of features to DSS components

MyTacks Feature	Component 1 Registration	Component 2 Authentication	Component 3 Board Management	Component 4 Tacks Management	Component 5 Settings
EF1	X				
EF2	X				
EF3	X				
EF4		X			
EF5		X			
EF 6			X		
EF7			X		
EF8				X	
EF9		X			
EF10			X		
EF11				X	
EF12					X
EF13		X			
DF1				X	
DF2				X	
DF3					X
DF4					X
DF5					X
DF6					X

OF1			X		
OF2				X	
OF3				X	
OF4					X

References

1. "Pinterest" pinterest.com.
2. "Managing and Leading Software Projects" by Richard Fairley

Glossary

Traceability matrix	Mapping technique for system features to system components
Components	System modules containing the features.
EF	Essential Feature
DF	Desirable Feature
OF	Optional Feature