**Development Traceability Matrix**

Ids of the fucntional requirements:

* FR01: The students shall be able to view the source code for the entire application.
* FR02: The students shall be able to, individually, view and understand the code for all pieces on the UI.
* FR03: The students shall be able to debug the application’s source code using Firebug, which is an online tool to inspect, edit, and monitor HTML, CSS, and JavaScript requests directly on the web.
* FR04: The users shall be able to view the categories on the application’s home page.
* FR05: The users shall be able to view items in different categories.
* FR06: The users shall be able add items for ADD.
* FR07: The users shall be able to view more information about an item.
* FR08: The users shall be able to browse through the available items.
* FR09: The users shall be able to view the items added to the saved items list.
* FR010: The users shall be able to continue viewing items.
* FR011: The users shall be able to delete items from the saved items list.
* FR014: The users shall place an ADD by completing the information in the advertisement form.
* FR015: The users shall not be able to place an advertisement if the information in the advertisement form is invalid or incomplete.
* FR016: The administrator shall be able to view all the users’ information that place the advertisement form.
* FR017: The administrator shall be able to delete items from the main page of the OLA application.

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| Use Case | Use case ID | Description | Requirements | Use case addressing the requirement |
| Educational Document | UC01 | The User of College Mart can read out the process of building of this software | FR01 | UC01,UC02,UC03 |
| Source Code | UC02 | The user can see the source code without log in | FR02 | UC01,UC02,UC03 |
| User Interface | UC03 | The user can see the coding of the UI of the system. | FR03 | UC01,UC02,UC03 |
| Home | UC04 | The user is present at home after log in successfully. | FR04 | UC08,UC09,UC10 |
| Saved List Items | UC05 | If the user is not log in first time he/she can see his/her saved items list. | FR05 | UC08,UC09,UC10 |
| Create Advertisement | UC06 | The user can post his/her new advertisement. | FR06 | UC06 |
| Add information | UC07 | User should fill the information regarding his/her items. | FR07 | UC11 |
| View Items | UC08 | The user can view the items | FR08 | UC08,UC09,UC10 |
| Search Items | UC09 | The users can search an item by some keywords. | FR09 | UC05 |
| View Recommended Items | UC10 | The older users must be suggested some items. | FR10 | UC08,UC09,UC10 |
| Information of item | UC11 | The user can see the information regarding the items which he/she wants to buy. | FR11 | UC14 |
| Save items | UC12 | The user can save any items for further enquiry. | FR12 | UC13 |
| Client Registered | UC13 | New users must be registered first . | FR13 | UC13 |
| Delete Items | UC14 | The user is able to delete an item form the saved items list. | FR14 | UC06,UC07 |