Dependencies traceability matrix

Requirements:

REQ1: User registration

REQ2: Photo request details of other users

REQ3: Retrieve details

REQ4: Edit details

REQ5: Send request

REQ6: Receive request

REQ7: Accept request

REQ8: Login

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| --- | --- | --- |
| Requirement’s | Dependencies | Requirement’s |
| Requirement 1 | Req1 is dependent on Req2 as user cannot upload photo without being registered in our database | Requirement 2 |
| Requirement 2 | Requirement 2 is dependent on Requirement 3 as retrieving someone’s profile will only be done if the request is being made | Requirement 3 |
| Requirement 1 | Requirement 3 is dependent on requirement 1because every one needs to be registered to access this, but this relation is not related user will not get details or can access req3 without req2 | Requirement 3 |
| REQ 4 | Req4 is dependent on Req8 as user will be only able to edit his/her profile only if he/she is logged in | REQ 8 |
| REQ 5 | Req5 is dependent on Req3 as user will be able to retrieve details only if request is being made | REQ 3 |
| REQ 6 | Req7 is dependent on Req6 as request can be accepted only if received | REQ 7 |

Development traceability

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| --- | --- | --- | --- |
| Requirement ID | Requirement | Role | Description |
| Req1 | Registration | User | User should register in database to utilize other services |
| Req2 | Photo request | Owner | Owner requests for details of other user by photo |
| Req3 | Retrieve details | Owner | Owner who requested for details gets the details from database |
| Req4 | Edit profile | Owner | Only owner can edit his profile |
| Req5 | Send request | Owner | Only registered users can send request |
| Req6 | Receive request | Owner | Owner’s will receive request sent by other users |
| Req7 | Accept request | Owner | User who received request will only be able to accept |
| Req8 | Login | User | User who is registered can login and obtain the owners’ facilities |
|  |  |  |  |