***Development Traceability Matrix***

**1) Client Requirement Matrix**

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| S.No. | Requirement | Role | Description |
| REQ-1 | Registering And Logging In | User, Manager | User: The user has to register to the website for using the features of this website  Manager: Manager has to register, so that he can update the status of cab for availability. |
| REQ-2 | Authentication | User, Manager | User: If any user has typed wrong password or username then there it will show error that the user has typed something wrong.  Manager: If any manager has typed wrong password or username then there it will show error that the user has typed something wrong. |
| REQ-3 | Logging our | User | User: When the wanted work is done then he/she can leave the website |
| REQ-4 | Changing Password | User, Manager | User: If user have wants to change the password from hi current password then there will be an authentication process for him to follow.  Manage: If the manager want to change the password, then the manager has to go through the authentication process. |
| REQ-5 | Resetting Password | User, Manager | User: If the user has forgotten the password then he/she has to go through a strict security (mailing) ways to reset the password.  Manager: If the manager has forgotten the password then there will be mail authentication for resetting the password. |
| REQ-6 | Information | User | User: user has to give the information for the place and time for the pickup cab. |
| REQ-7 | Selection of cab | User | User: User can select from broad range of cabs from different companies. |
| REQ-8 | Booking of cab | User | User: After selecting the cab the user wants then he/she can book. We have also added a sharing feature where opting this will show other users who also want to share the cab going to same location or on the way. |
| REQ-9 | Cancelling the cab | User, Manager | User: If the user has to cancel then he/she has to do it in a span of hour.  Manager: the Manager will notify the cab driver as soon as possible so that the fuel is saved. |

**2) Manager Requirement Matrix:**

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| S.NO | Requirements | Roles | Description |
| 1. | Roster of employees | Administrator, Managers | Amin: commands or examine  Manager: Main key worker |
| 2. | Print and check reports | Managers, Administrator | Manager: continuous checker  Admin: Based on priority and urgency |
| 3. | Check feedback | Managers, Administrator | Admin: should invest some time daily for further actions  Manager: Report to admin of any important, required feedbacks |
| 4. | Send newsletters | Managers, Employees | Admin: news about new versions, developments, functions and features will be forward to managers. Further to employees. |
| 5. | Manager user portfolio | Administrator | Handled by administrator. Divides the whole functions and features like developer, marketing, HR and allot managers to each of them. |
| 6. | Changing the super password | Administrator | Super password is the key to the whole product which will be highly secretive in the hands of administration. And will be changing it as frequently as possible. |

**3) Mailing Requirement Matrix:**

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| S.NO | Requirements | Roles | Description |
| REQ 1 | Forgot Password | User,  Manager | User: A temporary password will be send to the user's email if the user forgot the password.  Manager: Manager will get the temporary password if he forgot the password. |
| REQ 2 | Newsletter | Manager,  Users | Manager: Manager will send the newsletters to the users  User :Newsletters will be sent to the users for any news like offers , coupons etc., |
| REQ 3 | Booking Conformation | Manager,  User | User :A mail with be sent to the user after successful booking of the cab  Manager : A mail with be sent to the Manager after successful booking of the cab by any user |
| REQ 4 | Feedback | User,  Manager | User: User will give a feedback that will be sent to the manager through mail.  Manager: Manager will get a mail with the feedback that is given by the user. |
| REQ 5 | Sharing Notification | User,  Manager | User: A notification mail will be sent to the customer if any other customer joins sharing of the cab.  Manager: Manager will get the notification after conforming sharing between users. |
| REQ 6 | Cancel Notification | User,  Manager | User: A notification mail will be sent to the customer if the user cancelled the booking.  Manager: Manager will get the notification after cancellation from the user. |