Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

\_\_\_6\_\_\_

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| 1 | **create usecase actor diagram of your project.** |
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Submitted On:

\_\_12/12/22\_\_

(Date: DD/MM/yy

**User Stories:**

**USE CASE :**

* Add Students
* Update Students
* Delete Students
* Assign Students
* Add drivers
* Update daily espenses
* View espenses
* Enter payment
* Fees alert
* Send feedback to admin

**USE CASE Scenarios**

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| --- | --- |
| Name | Add Students |
| Description | This functionality add all the students reords who want to take servies of transport. The student id will be automatically generated by the system. |
| Actors | Student |
| Main flow of events | Student will login to the transport management system and go to the registration page . Students have to enter all their personal information . After that they have to lik save button . Their reord will be saved and the student will be added. |

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| Name | Update Students |
| Description | This functionality update the student in the transport management student. The student who want to change their personal information the an easily update their information by informing to the admin |
| Actors | Admin, Student |
| Main flow of events | The students who want to update their personal information have to contact to admin .The admin will then go to student portal and update his information . then the information will be immediately updated in the respective student portal. |

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| Name | Delete Students |
| Description | This funtionality will delete the record of the student who are no longer with the serices of our transport management system. |
| Actors | Admin , Student |
| Main flow of events | The students who want to quit the services of transport management system have to inform admin to delete his personal information. Then the admin will gto to respective student portal and delete his personal information and all record respective to specific student. |

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| Name | Assign Students |
| Description | This functionality will assign students to their respective drivers who will provide transport services to the student. |
| Actors | Admin |
| Main flow of events | After the student is added the admin will check the address of the student and according to his route will assign the driver of that route to provide transport services to the students. |

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| Name | Add driver |
| Description | This functionality will add the people who want to be the employeed as drivers in our transport management system. |
| Actors | Drivers |
| Main flow of events | The drivers have to login to the transport management system portal and go to employees menu and then add their personal information . one the added their information the system will automatically generate driver id for that specific person. |

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| Name | Update driver |
| Description | This functionality will update the reord of the drivers . |
| Actors | Admin |
| Main flow of events | When the driver wants to update his personal information they have to contact admin to change their information . The admin will go to respective portal of drivers and update their information. |

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| Name | Update daily expences |
| Description | This functionality will update the daily espences of transport management system |
| Actors | Admin |
| Main flow of events | In this functionality the admin will update the report in order to check the espences on daily basis. That how much fuel is used and how muh repairing cost is used o ndaily basis. |

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| Name | View payments |
| Description | This functionality will view all the payments list to the users. |
| Actors | Admin |
| Main flow of events | The admin will show all the fees payment to students and drivers for specific routes according to addresses. For every area of living the payment is different . The greater the distance from home there will be more fees. |

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| Name | Enter payments |
| Description | This functionality will enable students to pay the transport fees online |
| Actors | Student |
| Main flow of events | Student have to login to the transport management system portal . And go to bill payments menu . And enter their bank account information . After adding their information they have to select bank name and then add amount of money they have to pay . Then click on pay. In this way the payment will be added. |

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| Name | Fees alert |
| Description | This functionality will enable to show fees deadline for all students who are using services of transport management system. |
| Actors | Admin |
| Main flow of events | The students who have cross the limitations of deadline are alert by sending email notification for respective students. Admin have to check the fees status .One who did not pay fees . As deadline passed It will generate automatically email to the students to pay their fees. |

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| Name | Send complain |
| Description | This functionality will enable all students to report complain to the admin of any type. |
| Actors | Student |
| Main flow of events | Student have to login to their portal and go to complain or suggestion tab and enter their id and email nd the fil the complain bos . The complain might be for any kind of reason regardingtransport management system. |

**Use case**

**Diagram:**

Diagram

Description automatically generated