

Institution Details



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| **Province** | Sindh | **City** | Karachi |
| **Institution** | National University of Computer and Emerging Sciences (FAST-NU) | **Campus** | Karachi |
| **Department** | Computer Science | **Degree Level** | BS |
| **Degree Program** | Computer Science | **Telephone** |  |
| **Fax** |  | | |

Supervisor Details



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| --- | --- | --- | --- |
| **Name** | Dr Farrukh Shahid | **Gender** |  |
| **Mobile** |  | **Office No** |  |
| **Email** |  | **Designation** |  |
| **Qualification** |  | | |

Co-Supervisor Details



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| --- | --- | --- | --- |
| **Name** |  | **Gender** |  |
| **Mobile** |  | **Office No** |  |
| **Email** |  | **Designation** |  |
| **Qualification** |  | | |

Head of Department Details



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| --- | --- | --- | --- |
| **Name** | Dr. Zulfiqar Memon | **Mobile No.** | - |
| **Email** | zulfiqar.memon@nu.edu.pk | **Gender** | Male |

Project Details



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| **Project Title** | (Use the official title of your project) | | |  | |  |
| **Group Details** | **Member 1 Name:**    **Member 1 Roll#:** | | **Member 2 Name:**    **Member 2 Roll#:** | | **Member 3 Name:**    **Member 3 Roll#:** |  |
|  |  |  | |  | |  |
| **Project Area of** | Deep Learning, Artificial Intelligence (fill out as per suggestions from your supervisor) | | | | |  |
| **Specialization** |  |  | |  | |  |
|  |  |  | |  | |  |
| **Project Start** | (As per FYP Calendar) | **Project End Date** | | (As per FYP Calendar) | |  |
| **Date** |  |  | |  | |  |
|  |  |  | |  | |  |
| **Project** | (This section contains an overall introduction of your project and its background) | | | | |  |
| **Summary (less** |  | | | | |  |
| **than 2500** |  | | | | |  |
| **characters)** |  | | | | |  |
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| **Project** | (This section contains details of the issues your project addresses OR any research gaps it focuses on). | | | | |  |
| **Objectives (less** |  | | | | |  |
| **than 2500** |  | | | | |  |
| **characters)** |  | | | | |  |
|  |  |  | |  | |  |
| **Literature Review / Background Study** | (This section contains all the literature review or background study you have done for your project. All the references must be sequenced acc to References section) | | | | |  |
| **Project Implementation Method (less than 2500 characters)** | (This section contains your overall system architecture and details of your methodology i.e., your approach towards proposing solution to the problem defined in Project Objectives) | | | | |  |
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| **Benefits of the** | (This section contains details on how your product is going to change the way existing system works OR how your research contributes to the field in terms of findings). | | | | |  |
| **Project (less** |  | | |  | |  |
| **than 2500 characters)** |  | | | | |  |
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| **Technical** | (This section contains the technical description of each of the modules that is to be delivered). | | |  |
| **Details of Final Deliverable (less than 2500 characters)** |  | | |  |
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| **Final Deliverable of the Project** | (This section explains/lists which modules will be presented by you at the conclusion of this project) | | |  |
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| **Core Industry (Optional)** | As suggested by Supervisor |  |  |  |
|  |  |  |  |  |
| **Other** |  |  |  |  |
| **Industries**  **(Optional)** |  |  |  |  |
|  |  |  |  |  |
| **Core** | (E.g., Flutter, Blockchain, .NET) |  |  |  |
| **Technology** |  |  |  |  |
|  |  |  |  |  |
| **Other** |  |  |  |  |
| **Technologies (Optional)** |  |  |  |  |
|  |  |  |  |  |
| **Sustainable** |  |  |  |  |
| **Development** |  |  |  |  |
| **Goals**  **(Optional)** |  |  |  |  |
|  |  |  |  |  |
| References     |  |  |  | | --- | --- | --- | | 1. List and number all bibliographical references here like this. 2. A.B. Smith, C.D. Jones, and E.F. Roberts, “Article Title”, Journal, Publisher, Location, Date, pp. 1-10. 3. Jones, C.D., A.B. Smith, and E.F. Roberts, Book Title, Publisher, Location, Date |  |  | | |  |  |  |
| Project Key Milestones | |  |  |  |
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| **Elapsed time in (days or weeks or month or quarter) since start of the project** | | **Milestone** | **Deliverable** |  |
|  |  |  |  |  |
| Month 1 |  |  |  |  |
|  |  |  |  |  |
| Month 2 |  |  |  |  |
|  |  |  |  |  |
| Month 3 |  |  |  |  |
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| Month 4 |  |  |  |  |
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| Month 5 |  |  |  |  |
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| Month 6 |  |  |  |  |
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| Month 7 |  |  |  |  |
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| Month 8 |  |  |  |  |
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Project Equipment Details



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| **Item(s) Name** | **Type** | **No. of Units** | **Per Unit Cost (in Rs)** | **Total (in Rs)** |
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|  |  |  | **Total in (Rs)** |  |
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