

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** | Male |
| **Mobile** | +923331287466 | **Office No** |  |
| **Email** | Mfarrukh.shahid@nu.edu.pk | **Designation** | Lecturer |
| **Qualification** | PHD | | |

Co-Supervisor Details



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| --- | --- | --- | --- |
| **Name** | Shahbaz Siddiqui | **Gender** | Male |
| **Mobile** | +923002617916 | **Office No** |  |
| **Email** | Shahbaz.siddiqui@nu.edu.pk | **Designation** | Lecturer |
| **Qualification** | Masters | | |

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: Sarmad Jamal**    **Member 1 Roll#: 19k-1116** | | | **Member 2 Name: Khizer Jilani**    **Member 2 Roll#: 19k-1057** | | **Member 3 Name: Mansoor Butt**    **Member 3 Roll#: 19k-1114** |  |
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| **Project Area of** | BlockChain/Web Development | | | | | |  |
| **Specialization** |  | |  | |  | |  |
|  |  | |  | |  | |  |
| **Project Start** | (As per FYP Calendar) | | **Project End Date** | | (As per FYP Calendar) | |  |
| **Date** |  | |  | |  | |  |
|  |  | |  | |  | |  |
| **Project** |  |
| **Summary (less** |  | | | | | |  |
| **than 2500** |  | | | | | |  |
| **characters)** | We are designing a medical health care system which will perform searching of dialogue and play video from desired sentences or words. we wanted to use our experience and skill to make something that has never been made before (in our research) which forced us to think out of the box and come up with a fantastic transcript searching video player.  The video player seamlessly performs countless complex mathematical operations and functions and also uses the state-of-the-art Speech Recognition technology in order to achieve the high accuracy and precision rate of predicting the right words. Our proposed target mainly was the backend implementation of the concept of dialogue searching so we inherited and used the VLC open-source Python Library as our media player to make sure smooth operation of video playback. The applications of this Media Player are countless as it depends mainly on the user, but some of the best uses of the application can be transcription and searching of conferences, lectures, talk shows, interviews etc. With this project intend to revolutionize the way people use to collect data from videos and how they search through it. | | | | | |  |
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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)** |  | | | | | |  |
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| **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** |  |
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| Month 1 |  |  |  |  |
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| Month 2 |  |  |  |  |
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| 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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