

# Institution Details

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

# Supervisor Details

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| **Name** | Syed Farooq Zaidi | **Gender** | Male |
| **Mobile** |  | **Office No** |  |
| **Email** | farooq.zaidi@nu.edu.pk | **Designation** | Senior Lecturer |
| **Qualification** | MS - Computer Science | | |

# Co-Supervisor Details

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| **Name** | Fahad Hussain | **Gender** | Male |
| **Mobile** |  | **Office No** |  |
| **Email** | fahad.hussain@nu.edu.pk | **Designation** | Lecturer |
| **Qualification** |  | | |

# Head of Department Details

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| **Name** | Dr. Abdul Aziz | **Mobile No.** | - |
| **Email** | abdul.aziz@nu.edu.pk | **Gender** | Male |

Project Details



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| **Project Title** | Event Craft | | |  | |  |
| **Group Details** | **Member 1 Name: Qazi Zain**  **Member 1 Roll#: 20k-1038** | | **Member 2 Name: Zain Ul Abdin**  **Member 2 Roll#: 20k-1672** | | **Member 3 Name: Ali Kahf Ul wara**  **Member 3 Roll#: 19k-1066** |  |
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| **Project Area of** | HCI, AI, Web and App Development | | | | |  |
| **Specialization** |  |  | |  | |  |
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| **Project Start** | 26-Jan-2024 | **Project End Date** | | (As per FYP Calendar) | |  |
| **Date** |  |  | |  | |  |
| **Project Summary** | Planning personal events is often a hectic and frustrating,. Managing complex logistics, like venue booking, vendor coordination, and guest invitations, ….. . This often results in compromises, limiting the ability to create truly memorable moments. Our aim is to make a user-friendly application with an integrated service provider platform that helps users manage their events. Using our platform, users can customize their events by selecting packages from a collective of service providers offering various services, including event categories, suggestions for both events and services, budget communication tools, tracking event progress, facilitating communication with helpers, managing guest invitations, generating e-cards using AI technology, issuing customized tickets or tokens for events, and organizing event components such as venue, catering, decor, and more. We believe that by centralizing and streamlining these processes and properly using HCI techniques, we can alleviate the frustrations associated with event planning, allowing users to focus on creating memorable experiences. | | | | |  |
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| **Project** |  | | | | |  |
| **Objectives** | We are developing an innovative event management system designed to streamline complex logistics, such as venue booking, vendor coordination, and guest invitations, with the aim of alleviating anxiety and inefficiency for both users and service providers. Our objective is to provide a user-friendly application that enables users to plan and customize their events effectively and efficiently, ultimately creating memorable experiences while adhering to budgetary constraints and busy schedules. Additionally, we aim to create a seamless experience for service providers, allowing them to offer their services efficiently while ensuring users can easily access and utilize these services. By catering to both types of users, our goal is to revolutionize the event planning process and enhance overall satisfaction. | | | | |  |
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| **Literature Review / Background Study** | * Donald A. Norman - The Design of Everyday Things-Basic Books (2002). * Don Normen Design principle on youtube. * Course of David Joyner HCI course of EDX. * Survey Form. * INTEGRATED EVENT MANAGEMENT: EVENT CORRELATION USING DEPENDENCY GRAPHS [1]. * DEVELOPING A RESEARCH AGENDA FOR THE EVENT MANAGEMENT FIELD [2]. * A Study on Event Management with Reference to Wedding Company (E-Factor) Gopi Patel1 , Dr. Ajay Bhardwaj2 | | | | |  |
| **Project Implementation Method** |  | | | | |  |
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| **Benefits of the Project** | This is the comparison between 3 top rated mobile applications from the Google PlayStore.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  |  | **Existing Applications** | | | **Proposed Application** | | **S.no** | **Features** | topEvent | MyWedd | EventBrite | **EventCraft** | | 1 | Dashboard | ✓ | ✓ | ✓ | ✓ | | 2 | Login | ✓ | ✓ | ✖ | ✓ | | 3 | Time Scheduling | ✓ | ✓ | ✖ | ✓ | | 4 | Checklist | ✓ | ✓ | ✖ | ✓ | | 5 | Helpers | ✓ | ✓ | ✖ |  | | 6 | Helper Work Assign | ✖ | ✖ | ✖ | ✓ | | 7 | Recommend Event Process over the budget | ✖ | ✖ | ✖ | ✓ | | 8 | Guests | ✓ | ✓ | ✖ | ✓ | | 9 | Budget Initialize | ✓ | ✓ | ✖ | ✓ | | 10 | User Customize Event (Package SP Collective Services) | ✖ | ✖ | ✖ | ✓ | | 11 | Event Categories | ✖ | ✖ | ✖ | ✓ | | 12 | Event Suggestion | ✖ | ✖ | ✖ | ✓ | | 13 | Service Suggestion | ✖ | ✖ | ✖ | ✓ | | 14 | Budget Communication | ✖ | ✖ | ✖ | ✓ | | 15 | Event Progress | ✖ | ✖ | ✖ | ✓ | | 16 | Helper Communication | ✓ |  | ✖ | ✓ | | 17 | Guest Invitation | ✖ | ✖ | ✖ | ✓ | | 18 | E-card (Generative AI) | ✖ | ✖ | ✖ | ✓ | | 19 | Ticket/Token (Customize Event) | ✖ | ✖ | ✓ | ✓ | |  | Event Components ( Venue , Catering, Décor, etc) | ✖ | ✖ | ✖ | ✓ | |  | Service Provider Payment Notification() | ✖ | ✖ | ✖ | ✓ | |  | Add Vendor by User | ✓ | ✓ | ✖ | ✖ | |  | Service Provider Progress | ✖ | ✖ | ✖ | ✓ | |  | Service Provider Order Receive | ✖ | ✖ | ✖ | ✓ | |  | Service Provider Customize Service (framework) | ✖ | ✖ | ✖ | ✓ | |  | Service Provider Event Report | ✖ | ✖ | ✖ | ✓ | |  | Service Provider feedback | ✖ | ✖ | ✖ | ✓ | |  | Service Provider Add Services | ✖ | ✖ | ✖ | ✓ | |  | Progress Monitoring (User + SP) | ✓ | ✓ | ✖ | ✓ | |  | Add Service Drag/Drop (framework) | ✖ | ✖ | ✖ | ✓ | |  | User Friendly UI | ✖ | ✖ | ✓ | ✓ | | | | | |  |
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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** | React Native, Spring Boot. |  |  |  |
| **Technology** |  |  |  |  |
|  |  |  |  |  |
| **Other** | Generative AI and Recommendation System |  |  |  |
| **Technologies (Optional)** |  |  |  |  |
|  |  |  |  |  |
| **Sustainable** |  |  |  |  |
| **Development** |  |  |  |  |
| **Goals**  **(Optional)** |  |  |  |  |
|  |  |  |  |  |
| References     |  |  |  | | --- | --- | --- | | 1. [1] : <https://www.nm.ifi.lmu.de/pub/Publikationen/grus98a/PDF-Version/grus98a.pdf> 2. [2]: <https://opus.lib.uts.edu.au/bitstream/10453/19788/1/Proceedings%202000%20Conference.pdf#page=16> 3. [3]: https://ijrpr.com/uploads/V3ISSUE3/IJRPR2939.pdf |  |  | | |  |  |  |
| 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 |  | Research + Market Standard + requirement Analysis | Gathering Software Resources and Information |  |
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| Month 2 |  | Functional/Non-Functional Req + User stories + Req Specification | System Analysis |  |
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| Month 3 |  | Design finalize + Layouts + Ux | UI Design |  |
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| Month 4 |  | ERDs | DataBase Design |  |
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| Month 5 |  | Backend + FrontedEnd coding | Coding |  |
|  |  |  |  |  |
| Month 6 |  | Testing | Testing |  |
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| Month 7 |  | All integration | Integration |  |
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| Month 8 |  | Delivery and document completion | Project Finalization |  |
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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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