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**BAHRIA UNIVERSITY, (Karachi Campus)**

*Department of Software Engineering*

PROPOSAL

**Course Title:** Software Design & Architecture Lab **Course Code**:SEL 221

**Course Instructor:** Engr Majid Kaleem **Class**: BSE 4B

**Lab Instructor:** Engr. Muhammad Rehan Baig **Date:** 23rd June, 2023

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| **PROJECT TITLE:**  *RESTAURANT WEB APPLICATION* |
| **GROUP MEMBERS LIST:**    *MUHAMMAD SHOAIB AKHTER 02-131212-009 (LEADER)*  *MUHAMMAD DAUD MEHBOOB 02-131212-046*  *MUHAMMAD ZEESHAN ALI 02-131212-080* |
| **PROJECT SCOPE:**  *A restaurant management system can help streamline operations and improve efficiency. Here are some steps to consider when implementing a project management system for a restaurant:*   * *Identify your needs and budget* * *Add-to-Cart* * *Food Deals* * *Feedback* * *Testinomial* * *Implement the software* * *Train staff and update the software* * *Utilize analytics and integrations* * *Ensure data security and privacy* * *Continuously monitor and optimize software use* |
| **ARCHIECTURE & DESIGN PATTERNS:**   * *MVC ARCHITECTURE* * *ADAPTER PATTERN* * *FACADE DESIGN PATTERN* |
| **MODULE DISTRIBUTION WITH ROLES**   * ***MUHAMMAD DAUD MEHBOOB:***   1. *GUI of CLIENT SITE*   2. *VIEW ARCHITECTURE* * ***MUHAMMAD ZEESHAN ALI:***  1. *GUI of DASHBOARD* 2. *CONTROLLER ARCHITECTURE*  * ***MUHAMMAD SHOAIB AKHTER QADRI:***  1. *GUI of CLIENT & DASHBOARD SITE* 2. *MODEL ARCHITECTURE* 3. *SERVER SITE* |

**Teacher Signature**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Remarks**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Submission Date**: 23rd June, 2023