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**Project Information**

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| **Title of the Project** |
| Rational relationship of concrete compressive strength and steel reinforcement for RC building |
| **Project Description** |
| This project aims to study the effect of different concrete compressive strength on the cross-sectional area of columns and beams and the reinforcement steel used. Also, the quantity and cost of the different buildings will be determined as well |

**Project’s Supervisor**

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| Name | Mr. Ahmed Salah Jamal  Asst. Prof. Dr. Najmadeen Qasre | E-mail | [ahmed.salah@tiu.edu.iq](mailto:ahmed.salah@tiu.edu.iq)  [najmadeen.qasre@tiu.edu.iq](mailto:najmadeen.qasre@tiu.edu.iq) |

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| **Project Justification/Characteristics** | |
| New Aspects/  Challenging Problems and Issues (if any) |  |
| Related Civil Engineering Science Fields and Subfields | Structural Engineering |
| Tools | SAP2000 |
| Labs Needed for this Project | None |