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|  | **AIR UNIVERSITY**  **Multan Campus** |
| **Department of Computer Science and Engineering** |
| **DLD Project Design I** |

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| **Project title:** LED Traffic Light | |
| **Class:** BSCS-F21-Sec A | **Department:** BS(CS) |
| **Project Participants:** | |
| M.Hassaan Nizaal (213060)  Ali Shaan (213033)  Mahir Cheema (213191) | |
| **Design I:** | |

**Components:**

* 2 ROMS
* RED LED (3 pieces), GREEN LED (3 pieces) and YELLOW LED (3 pieces)
* 2 Counters
* 2 Clocks
* Splitter
* Reset Button

**Real Time - Diagram:**

**Diagram

Description automatically generated**

**Simplified Block Diagram:**

**Diagram

Description automatically generated**