**ROBOT BASED AUTOMATION FOR VERTICAL FARMING**

PROJECT WORK PLAN

Monthly Split-up Table:

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| **No.** | **Month** | **Deliverables** | **Status** |
| 1 | 16 – SEP – 2021 to  30 – SEP – 2021 | Development of conceptual design for overall project | In progress |
| 2 | 01 – OCT – 2021 to  30 – OCT – 2021 | Analysis and optimization of the design | Pending |
| 3 | 01 – NOV – 2021 to  31 – DEC – 2021 | Creating virtual environment and performing all required virtual simulations.  Development of required AI/ML algorithms | Pending |
| 4 | 01 – JAN – 2021 to  28 – FEB – 2021 | Fabrication of the Robot and Vertical farming environment | Pending |
| 5 | 01 – MAR – 2021 to  30 – APR – 2021 | Robot control and automation. Implementation of developed algorithms in fabricated model. | Pending |
| 6 | 01 – MAY – 2021 to  31 – MAY – 2021 | Preparation of manuscripts and documentation. | Pending |