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| --- | --- |
| 1.1.1 | Work PackageID |
| Requirment | Work Package Name |
| Meeting with team,Stakeholder and Sponser | Description |
| Manager & Team Members | Person |
| 1 Decemper 2021 | Start Date |
| 4 Decemper 2021 | End Date |

1.1 Starting

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| --- | --- |
| 1.1.2 | Work PackageID |
| Policites | Work Package Name |
| Know the Policites and Recommends of the minister | Description |
| Manager | Person |
| Decemper 20215 | Start Date |
| Decemper 202111 | End Date |

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| 1.1.3 | Work PackageID |
| Doing Study about the Project | Work Package Name |
| Collecting all information about the project | Description |
| Manager and Team Member | Person |
| 12 decemper 2021 | Start Date |
| 22 decemper 2021 | End Date |

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| 1.2.1 | Work PackageID |
| Procurements | Work Package Name |
| Purchase all the necessary devices for the project such as computers, cameras and Alarms | Description |
| Project sponsor | Person |
| 22 decemper 2021 | Start Date |
| 25 decemper 2021 | End Date |

1.2 Hardware and Software

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| --- | --- |
| 1.2.2 | Work PackageID |
| Operating System | Work Package Name |
| All operating systems | Description |
| Programming team | Person |
| 25 Decemper 2022 | Start Date |
| 3 January 2022 | End Date |

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| --- | --- |
| 1.2.3 | Work PackageID |
| Testing Devices | Work Package Name |
| Test all devices and verify their ability to work on the application | Description |
| Team of electrification engineers | Person |
| January 20223 | Start Date |
| January 20226 | End Date |

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| 1.2.4 | Work PackageID |
| Alarms and surveillance cameras | Work Package Name |
| Equipping the equipment of the alarms, protection and boats in all aspects | Description |
| Team of electrification engineers | Person |
| 6 January2022 | Start Date |
| 9 January 2022 | End Date |

1.3 Coding

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| Work.Package.ID | 1.3.1 |
| Work Package Name | Dividing Tasks |
| Description | Electrical engineers make the parts that will be placed in the devices to be controlled Programming engineers program these devices |
| Person | Software engineers and electrical engineers |
| Start Date | 9 January 2022 |
| End Date | 16 January2022 |

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| Work Package.ID | 1.3.2 |
| Work Package Name | Coding the Functions in all Tasks |
| Description | make coding for all functions of the program |
| Person | Software engineers |
| Start Date | 16 January 2022 |
| End Date | 19 January2022 |

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| Work Package.ID | 1.3.3 |
| Work Package Name | Test Functions |
| Description | Test all functions of the program and verify their ability to work on the application |
| Person | Team of programing engineers |
| Start Date | 19 January 2022 |
| End Date | 22 January 2022 |

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| 1.3.4 | Work Package.ID |
| Interface the Application | Work Package Name |
| An application programming interface is a description of programming elements according to their functions, inputs and outputs. Its main objective is to provide a list of functions that are completely independent of the mechanism in which they are implemented, to allow others to communicate with them through any mechanism | Description |
| Team of programing engineers | Person |
| 22 January 2022 | Start Date |
| 26 January 2022 | End Date |

finishing

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| 1.4.1 | Work Package.ID |
| Test the Application | Work Package Name |
| Testing the program is working or not working | Description |
| Manager & Team Members | Person |
| January 2022 27 | Start Date |
| January 202230 | End Date |

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| 1.4.2 | Work Package.ID |
| Explan and Fixed Errors | Work Package Name |
| Run to program ,if there are errors must be quickly resolved by software engineering team | Description |
| Software engineering team | Person |
| February20221 | Start Date |
| February20226 | End Date |

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| 1.4.3 | Work Package.ID |
| Finish the Application | Work Package Name |
| After correcting the errors, it is completed immediately | Description |
| Manager & Team Members | Person |
| February20227 | Start Date |
| February202217 | End Date |

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| 1.4.4 | Work Package.ID |
| Install the Application | Work Package Name |
| Immediately after finishing the Application, installation is done step by step to complete the installation. | Description |
| Users &Team Members | Person |
| February202218 | Start Date |
| February202228 | End Date |

Team Members

* Ahmed elsayed farouk
* Ebram Rasmy
* Abanoub merzik shenouda khilla
* Ebtisam Sayed Mahfouz
* Ahmed Abd Elzaher Ahmed
* Ahlam Reda Abd Elmonim