**AIPM**

**Monitoring and controlling processes.**

1. **Performance Reports:**

**Project Detail Review**

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| --- | --- |
| **Performance report** | |
| Project Name: Car Price Prediction | Date: 30/6/2023 |
| Prepared By: Syafiq | Project Type (S, M, L): S |
| Project Manager: Zulhisyam | Project Sponsor: - |

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| --- | --- | --- | --- | --- |
| **Number ID** | **Date Opened** | **Action Description** | **Assigned To** | **Date Close** |
| 1 | 4/4/2023 | Standard of Work | Aravind | 14/4/2023 |
| 2 | 20/4/2023 | Analyse Risk | Syafiq | 30/4/2023 |
| 3 | 30/4/2023 | Process Improvement | Zulhisyam | 15/5/2023 |
| 4 | 6/5/2020 | Quality Assurance | Akid | 16/5/2023 |
| 5 | 15/5/2023 | Performance Checking | Aravind | 20/5/2023 |
| 6 | 25/5/2023 | Analyse Financial Performance | Syafiq | 10/6/2023 |
| 7 | 6/62023 | Management of Personnel | Akid | 18/6/2023 |
| 8 | 20/6/2023 | Timeline and Milestones | Zulhisyam | 30/6/20232 |

1. **Requested Changes:**



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| **CHANGE REQUEST FORM** | | |
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| **Change Description** | | |
| **Project Name: Car Price Prediction** | **Change Name: -** | **Number: 000324** |
|  |  |  |
| **Requested By: Syafiq – Development Team** | **Contact: 01114812634** | **Date: 30/6/2023** |
| **Description of Change: The purpose of this change request is to enhance the accuracy and effectiveness of the car price prediction model by incorporating additional features into the existing set.** | | |
| **Reason for Change:**  **1)Vehicle Condition: Include a categorical variable indicating the condition of the vehicle (e.g., new, used, refurbished).**  **2)Mileage: Integrate the mileage of the vehicle as a continuous variable to provide more granular information.**  **3)Historical Pricing Data: Access historical pricing data for similar vehicles in the market to establish trends and patterns.** | | |
| **Priority [Circle One]: 1. High 2. Medium 3. Low** | | |
| **Impact on Deliverables:**  **for the Car price model, the impact will be positive, it is because the additional features, such as vehicle condition, mileage, and historical pricing data, are expected to enhance the accuracy and effectiveness of the car price prediction model. The model itself is a key deliverable of the project. Then, Risk Management will impact positive also. The change addresses potential limitations in the existing model, reducing the risk of inaccurate predictions and enhancing the model's adaptability to market changes.** | | |
| **Impact of Not Responding to Change (and Reason Why):** | | |
| **Date Needed: 5/6/2023** | **Approval of Request: Approved** | **Date: 1/6/2023** |

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| **Change Impact** |
| **Tasks/Scope Affected: Task Dependencies, Timeline and Milestones, Project Objective, and Budget** |
| **Cost Evaluation: Labor costs, Training and Development, Overhead Costs** |
| **Risk Evaluation: Unforeseen Dependencies, Increased Complexity,** **Schedule Delays, Budget Overruns** |
| **Quality Evaluation: Performance, Compatibility,** **Quality Standards** |
| **Additional Resources: Skilled Personnel, Project Management Expertise, Training and Development, Budget Reallocation** |
| **Duration: Thorough Impact Analysis, Detailed Planning, Monitoring and Adjustments** |
| **Additional Effort: Adequate Resources, Resource Constraints** |
| **Impact on Deadline: Impact Analysis,** **Risk Mitigation, Timeline Adjustments** |
| **Alternative and Recommendations: Phased Implementation, Parallel Workstreams, Technology Upgrades** |
| **Comments:** |

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| **Sign Offs** | |
| **[Circle One]: 1. Accepted 2. Deferred 3. Rejected 4. More Info Requested** | |
| **Comments:** | |
| **Project Manager Signature: Zulhisyam** | **Date: 1/6/2023** |
| **Decision Maker Signature: Aravind** | **Date: 1/6/2023** |

1. **Updates on Plan:**

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| --- | --- | --- | --- | --- | --- |
| ID | Task Name | Duration | Start | Finish | Predecessors |
| 1 | Project planning | 7 days | 9/10/2023 | 15/10/2023 |  |
| 2 | Data collection and preprocessing | 7 days | 16/10/2023 | 22/10/2023 | 1 |
| 3 | Model development | 38 days | 23/10/2023 | 30/11/2023 | 2 |
| 4 | Testing model performance | 7 days | 30/11/2023 | 5/12/2023 | 3 |
| 5 | Validation | 3 days | 5/12/2023 | 7/12/2023 | 4 |
| 6 | Deployment the complete model | 20 days | 24/11/2023 | 13/12/2023 | 3,4,5 |
| 7 | Documentation of model architecture | 10 days | 13/12/2023 | 22/12/2023 | 6 |
| 8 | Training and support | 15 days | 22/12/2023 | 5/1/2024 | 7 |
| 9 | Maintenance | 11 days | 5/1/2023 | 16/1/2024 | 8 |
| 10 | Stakeholder communication | 4 days | 16/1/2024 | 19/1/2024 | 9 |
| 11 | Evaluation and Optimization | 5 days | 19/1/2024 | 24/1/2024 | 9 |

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| ID | Task Name | October | | | November | | | December | | | **January** | |
| 9/10 | 16/10 | 23/10 | 31/11 | 5/12 | 8/12 | 13/12 | 22/12 | 5/1 | 16/1 | 19/1 | |
| 1. | Project planning |  |  |  |  |  |  |  |  |  |  |  | |
| 2 | Data collection and preprocessing |  |  |  |  |  |  |  |  |  |  |  | |
| 3 | Model development |  |  |  |  |  |  |  |  |  |  |  | |
| 4 | Testing model performance |  |  |  |  |  |  |  |  |  |  |  | |
| 5 | Validation |  |  |  |  |  |  |  |  |  |  |  | |
| 6 | Deployment the complete model |  |  |  |  |  |  |  |  |  |  |  | |
| 7 | Documentation of model architecture |  |  |  |  |  |  |  |  |  |  |  | |
| 8 | Training and support |  |  |  |  |  |  |  |  |  |  |  | |
| 9 | Maintenance |  |  |  |  |  |  |  |  |  |  |  | |
| 10 | Stakeholder communication |  |  |  |  |  |  |  |  |  |  |  | |
| 11 | Evaluation and Optimization |  |  |  |  |  |  |  |  |  |  |  | |