

**Model Development Phase Template**

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| Date | 15 March 2024 |
| Team ID | **740071** |
| Project Title | Work Force Retention System |
| Maximum Marks | 5 Marks |

**Feature Selection Report Template**

In the forthcoming update, each feature will be accompanied by a brief description. Users will indicate whether it's selected or not, providing reasoning for their decision. This process will streamline decision-making and enhance transparency in feature selection.



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| **Feature** | **Description** | **Selected (Yes/No)** | **Reasoning** |
|  | A measure of |  |  |
| Satisfaction\_  Level | Satisfaction for the  Employee | Yes | For predicting the turnover the satisfaction level measure is required. |
| Last evaluation | Final Evaluation | Yes | The last evaluation value is necessary for  Analyzing. |
|  | Measures the number |  | The number of projects decides the credibility of an employee and helps in predicting turn over. |
| Number of projects | Of Projects done | Yes |  |
| Average  Monthly Hours | It measures the  Average monthly | Yes | Average monthly hours are recorded  Because it helps in analysing the work load of |

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|  | hours worked. |  | an employee hence predicting turn over. |



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| Time Spend | The amount of time spend | Yes | Self-employed individuals may have Different time profiles. |
| Work  Accident | Accident caused while at work | Yes | It is crucial in determining the Employee capability. |
| Left | Number of  Employee left | Yes | Helps in predicting turnover  . |
| Promotion in  last  5 years | Amount of Promotions | Yes | Fundamental for assessing turnover |
|  | received in last  5 years |  | of the employee. |
| Sales | Number of sales Done. | Yes | The sales influences turnover rates. |
| Salary | The range of salary received by employee | Yes | The salary has an impact on Turnover rates. |
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