[A picture containing drawing

Description automatically generated](https://bit.ly/2XY4JHv)**BOOKING FLIGHT RISK ASSESSMENT FORM**

|  |  |  |
| --- | --- | --- |
| REF ID NO. | SUBMITTED BY | DATE SUBMITTED |
| 0001231 | Yuba Krishna Oli | 11/25/2022 |

RISK TYPE *select one*

|  |  |  |
| --- | --- | --- |
|  | Financial | |
|  | Legal / Contractual | |
| x | Reputation / Customer Relations | |
|  | Resources | |
|  | Operational | |
|  | Other: |  |

RISK DESCRIPTION

|  |
| --- |
| The information that the customer gives to the booking flight might get leaked to the hackers and third parties if they do not store data properly in the database. Furthermore, the risk of getting double tickets while booking the flight is a high probability, in such conditions the customers will not be happy. Furthermore, reputation of the company will get down for forever and both parties will suffer the consequences. |

SOURCE OF RISK

|  |
| --- |
| There are Sources of risk while booking a flight if the system is not secured and hence the information of every customer might get lost and end up outside the company. When booking flights, the database might get compromised and there could be chances of booking double tickets, losing credits cards information. |

PERSON(S) IMPACTED *check all that apply*

|  |  |  |
| --- | --- | --- |
| X | Customers / Clients | |
|  | Employees | |
|  | Contractors | |
| X | Public | |
|  | Other: |  |
|  | Other: |  |
|  | Other: |  |

RISK IMPACT *select one*

|  |  |  |
| --- | --- | --- |
|  | IMPACT LEVEL | DESCRIPTION |
|  | NOT SIGNIFICANT | Negligible injuries not needing medical treatment |
|  | MINOR | Minor injuries causing temporary impairment needing medical treatment |
|  | MODERATE | Illness and/or injury requiring hospitalization |
|  | MAJOR | Illness and/or injury resulting in permanent impairment |
| X | SEVERE | Fatality |

RISK PROBABILITY *select one*

|  |  |  |
| --- | --- | --- |
|  | PROBABILITY LEVEL | DESCRIPTION |
|  | HIGHLY UNLIKELY | Rare chance of an occurrence |
|  | UNLIKELY | Not likely to occur under normal circumstances |
| X | POSSIBLE | May occur at some point under normal circumstances |
|  | LIKELY | Expected to occur at some point in time |
|  | HIGHLY LIKELY | Expected to occur regularly under normal circumstances |

RISK SEVERITY MATRIX *based on Impact and Probability Levels*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **IMPACT x PROBABILITY** | **NOT SIGNIFICANT** | **MINOR** | **MODERATE** | **MAJOR** | **SEVERE** |
| **HIGHLY UNLIKELY** | LOW | LOW | LOW / MED | MEDIUM | MEDIUM |
| **UNLIKELY** | LOW | LOW / MED | LOW / MED | MEDIUM | MED / HIGH |
| **POSSIBLE** | LOW | LOW / MED | MEDIUM | MED / HIGH | MED / HIGH |
| **LIKELY** | LOW | LOW / MED | MEDIUM | MED / HIGH | HIGH |
| **HIGHLY LIKELY** | LOW / MED | MEDIUM | MED / HIGH | HIGH | HIGH |

RISK SEVERITY LEVEL *select corresponding Severity Level from matrix above based upon Impact and Probability Levels*

|  |  |
| --- | --- |
|  | SEVERITY LEVEL |
|  | LOW |
|  | LOW / MED |
|  | MEDIUM |
|  | MED / HIGH |
| X | HIGH |

CURRENT CONTROL MEASURES

|  |
| --- |
| Securing the databases revolved around booking flights. Extra information security is needed to secure personal and payment information of the customer. Hire the expert security team. |

FURTHER ACTION NEEDED? *select one*

|  |  |
| --- | --- |
|  | YES |
| X | NO |

ACTIONS TO IMPLEMENT *if applicable*

|  |  |  |  |
| --- | --- | --- | --- |
| **ACTION** | **ASSIGNED TO** | **DUE DATE** | **STATUS** |
| To Identify the threats | Tamer (AI Engineer) |  | Pending... |
| Make a group to solve the issue | Tamer (AI Engineer) |  | Pending..... |
| Communication between the public and management system | SWASTIK |  | Pending..... |
| Hire extra security team | SWASTIK |  | Pending...... |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

|  |  |  |
| --- | --- | --- |
| DATE REVIEWED | APPROVING OFFICIAL NAME & TITLE | SIGNATURE |
| 11/25/2022 | Tamer Ayoub | TA |

REMARKS

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