|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Risk | Category | Probability | Impact | RRM |
| Size estimate may be significantly Low | PS | 60% | 2 |  |
| Larger number of users than planned | PS | 30% | 3 |  |
| Less reuse than planned | PS | 70% | 2 |  |
| Delivery deadline will be tightened | BU | 50% | 2 |  |
| Funding will be lost | CU | 40 | 1 |  |
| Customer will change requirements | PS | 80% | 2 |  |
| Technology Will not meet expectations | TE | 30% | 1 |  |
| Lack Of training on tools | DE | 80% | 3 |  |
| Staff inexperienced | ST | 30% | 2 |  |
| Staff turnover will be high | ST | 60% | 2 |  |
| Delayed development of core features like ticket validation or live tracking | PS | 40% | 2 |  |
| Inaccurate real-time updates due to GPS or network issues. | BU | 50% | 2 |  |
| Incorrect or incomplete financial reporting. | BU | 30% | 1 |  |
| |  | | --- | | Employees misuse their access to passenger information. | | |  | | --- | | BU | | 30% | 2 |  |
| Lack of training for employees to operate the system effectively. | PS | 40% | 3 |  |

Risk Table

|  |  |
| --- | --- |
| **Risks**  Risk Reduction Techniques | **Risk reduction techniques** |
| Size estimate may be significantly low | Adjust project scope or budget as needed; communicate change |
| Larger number of users than planned | Monitor user base closely; allocate additional resources if necessary |
| Less reuse than planned | Encourage modular design and code reuse; review during design phases |
| Delivery deadline will be tightened | Break project into smaller milestones to manage timelines effectively |
| Funding will be lost | Secure alternative funding sources or adjust project priorities |
| Customer will change requirements | Establish clear communication channels; document all changes |
| Technology will not meet expectations | Conduct proof of concept and prototype before full implementation |
| Lack of training on tools | Provide comprehensive training and support to all staff |
| Staff inexperienced | Provide mentoring and on-the-job training |
| Staff turnover will be high | Improve retention programs, ensure knowledge transfer documentation |
| Delayed development of core features like ticket validation or live tracking | Allocate buffer time in the schedule, prioritize critical features, and perform frequent progress reviews. |
| Inaccurate real-time updates due to GPS or network issues. | Implement redundancy by integrating multiple data sources or notifying users when updates are delayed. |
| Incorrect or incomplete financial reporting. | Perform thorough testing of financial reporting modules and integrate automated audits. |
| Employees misuse their access to passenger information. | Implement strict access control and audit logs to monitor employee actions. |
| Lack of training for employees to operate the system effectively. | Provide comprehensive training sessions and create detailed user manuals for employees. |