**Risk Register**

**Satendra Kushwaha-77356760**

**Production Project**

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| **ID** | **Risk** | **Risk Description** | **Likelihood** | **Impact** | **Severity** | **Owner** | **Mitigation** | **Status** |
| 1 | |  | | --- | | Technical Issues with App Development |  |  | | --- | |  | | |  | | --- | | Possible technical challenges, such bugs, sluggish performance, or compatibility problems, during the app development process. |  |  | | --- | |  | | Medium | High | High | Satendra Kushwaha | Regular testing, debugging, and code reviews. Monitor performance and address issues promptly. | Open |
| 2 | Delays in User Registration & Authentication | Due to technical constraints, the user registration and authentication system's development and deployment were delayed. | Medium | High | High | Satendra Kushwaha | Give this feature top priority, test it extensively, and make sure there are enough resources and assistance available for troubleshooting.  . | Open |
| 3 | Payment Gateway Integration Issues | Dependencies on external parties may cause delays or difficulties while integrating the payment gateway. | Medium | High | High | Satendra Kushwaha | Research and test payment gateway options early in the project, establish communication with payment providers. | Open |
| 4 | Inaccurate Crop Trend Suggestions | The app's usability may be impacted by inaccurate crop recommendations based on by data or algorithmic restrictions. | Low | Medium | Medium | Satendra Kushwaha | Collect relevant data, continuously update the system, and test crop recommendations for accuracy. | Open |
| 5 | Data Security Breaches | Potential risks of data breaches compromising user information, leading to security concerns. | Low | High | High | Satendra Kushwaha | Use secure authentication, put encryption into practice, and make sure that security audits and updates are conducted on a regular basis. | Open |
| 6 | Limited User Adoption | The app may not attract sufficient users due to a lack of marketing efforts or challenges in adoption by the farming community. | Medium | Medium | Medium | Satendra Kushwaha | Develop a strong marketing strategy, provide training resources, and ensure the app is easy to use for farmers. | Open |
| 7 | Supply Chain or Delivery Management Issues | Delays or issues in the delivery process leading to dissatisfaction among users and potential product spoilage. | Medium | High | High | Satendra Kushwaha | Collaborate with dependable delivery services, monitor delivery status in real time, and notify users. | Open |

**Notes:**

ID values may be useful to refer back to in your final documentation. Number these in order. This register should be included in the appendix

Risk description provides an outline of the issue

Please use Low, Medium and High to identify the risk level and colour code.

Typically, the owner will be you, but it may be the case in team work or other projects that have external clients, other activities may impact on the project

Mitigation implies on how you will manage the risk and to reduce the likelihood of it occurring

Status – has the risk event now passed. It should indicate an Open and Closed status.