Product Size Risk

Question: What if the size of the database required to handle Circlify's user data and interactions is underestimated?

Description: Underestimating the necessary database size could lead to potential performance issues, data loss, or system crashes due to insufficient storage capacity.

Business Impact Risk

Question: How might the absence of a clear monetization strategy affect the long-term sustainability of Circlify?

Description: Without a defined plan to generate revenue, sustaining the development and maintenance of Circlify could become challenging, potentially impacting the company's financial stability and its ability to support the app's growth and updates.

Customer Related Risk

Question: What if the customer's requirements evolve significantly throughout the development process?

Description: If the customer's needs and expectations undergo significant changes during development, it could lead to scope creep, delays, or conflicts regarding project priorities. This might result in rework, increased development costs, and potential dissatisfaction with the final product.

Process Risk:

Question: How might the absence of a structured change control process impact Circlify's development?

Description: Without a formal mechanism for controlling changes to requirements or project scope, there's a risk of scope creep or uncontrolled feature additions. This could lead to confusion among the development team, increased development time, and potential deviations from the original project goals, impacting the quality and timeliness of Circlify's delivery.

Technical Issue Risk

Question: What if there are compatibility issues with different devices and operating systems?

Description: Circlify will need to be compatible with a variety of devices (smartphones, tablets, etc.) and operating systems (iOS, Android). There's a risk that certain features or functionalities may not work as expected on certain devices or OS versions, leading to a fragmented user experience. Resolving compatibility issues may require additional development effort and testing, potentially delaying the app's release and impacting user satisfaction. It's essential to conduct thorough testing across various devices and platforms to ensure a seamless user experience for all Circlify users.

| **Risk** | **Category** | **Probability** | **Impact** |
| --- | --- | --- | --- |
| Encountering compatibility issues across different devices and operating systems | TI | 75 | 1 |
| Poor quality documentation | BU | 75 | 1 |
| Underestimating database size for user data and interactions | PS | 70 | 2 |
| --------------------------------------------------------CUT-OFF-------------------------------------------------------- | | | |
| Absence of clear monetization strategy | BU | 45 | 2 |
| Lack of structured change control process | PI | 40 | 2 |
| Changes in requirements | PS | 35 | 2 |
| Lack of development experience | TI | 20 | 3 |
| Deviation from software engineering standards | PI | 25 | 3 |
| Late delivery | BU | 20 | 4 |
| Significant evolution of customer requirements during development | CR | 15 | 4 |

Risk: Underestimating database size for user data and interactions

RE (Risk Exposure) = Probability of risk occurring \* Impact if risk occurs

RE = 0.7 \* 50,000)

RE = 0.7 \* 50,000

RE = 352,000