



# Software Engineering

## Experiment-8

**Div: B**

**Batch: C22**

### **Team Members:**

Deep gohil- 60004220122

Shashwat shah - 60004220126

Aagam shah - 60004210175

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### **AIM :**

To create a RMMM plan: Create risk assessment template for a case study

### **PERFORMANCE :**

#### **1. Identify Risks**

- a. Refer to the Risk Identification Checklist to be identify the risk
  - i. Product Size Risks
  - ii. Business Impact Risks
  - iii. Customer Related Risks
  - iv. Process Risks
  - v. Technical Issues
  - vi. Technology Risks
  - vii. Development Environment Risks viii. Staff Size and Experience Risks

#### **2. Prepare Risk Table by identifying potential risks and categorizing their impacts as follows Impact Values:**

- 1 – Catastrophic
- 2 – Critical



**SHRI VILEPARLE KELAVANI MANDAL'S  
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING**  
(Autonomous College Affiliated to the University of Mumbai)  
NAAC ACCREDITED with "A" GRADE (CGPA : 3.18)



3 – Marginal

4 – Negligible



Risks	Category	Probability	Impact
Limited content sources	Product Size Risks	45%	1
Low user adoption	Business Impact Risks	52%	2
Lack of personalization	Customer Related Risks	40%	2
Unclear development process	Process Risks	35%	1
Lack of technical expertise	Technology Risks	42%	2
Lack of version control	Development Environment Risks	60%	3

After sorting the above risk table based on impact and probability of risks.

Risks	Category	Probability	Impact
Limited content sources	Product Size Risks	45%	1
Unclear development process	Process Risks	35%	1



Low user adoption	Business Impact Risks	52%	2
Lack of technical expertise	Technology Risks	42%	2
Lack of personalization	Customer Related Risks	40%	2
Lack of version control	Development Environment Risks	60%	3

So the cutoff line for risk table is defined after considering the risks from above tables and their probabilities and by accounting budget, time factor etc.is 40%  
cutoff line = 40%.

**3. Create a Risk Mitigation, Monitoring and Management plan for the Risks identified in the Risk Table**

Risk Information Sheet			
<b>RISK ID :-</b> P01-11	<b>DATE :</b> 30/04/2023	<b>PROB :</b> 45%	<b>IMPACT :-</b> High
<b>Description :-</b> There is a risk of having limited content sources for the news application, which may lead to a lack of diverse and up-to-date news coverage, resulting in reduced user engagement and satisfaction.			

**Refinement/Context :-**

The risk of limited content sources can arise due to various reasons. It could be because the application has not established partnerships with a wide range of reputable news organizations, publishers, or content providers. It could also be a result of relying on a small number of content sources or not having a robust system to aggregate news from different outlets.

**Mitigation/Monitoring :-**

1. Regular Content Audits: Conduct periodic audits to evaluate the diversity and quality of content sources. Assess the coverage of different topics, geographical areas, and perspectives. Identify any gaps in coverage and take steps to address them.
2. User Feedback and Analytics: Monitor user feedback, ratings, and reviews related to the content sources. Analyze user engagement metrics to identify patterns that may indicate dissatisfaction with the available content. This can help detect any issues related to limited content sources.

**Management:-**

1. Content Source Evaluation: Continuously evaluate the performance and relevance of existing content sources. Regularly review agreements with content partners and assess their content quality and reliability. Consider adding or removing sources based on their performance and user feedback.
2. Proactive Content Acquisition: Actively seek out new content sources by monitoring the media landscape, identifying emerging publishers, and conducting research on reliable and diverse news outlets. Explore opportunities to collaborate with new sources to expand the content offering.
3. Continuous Improvement: Regularly update the application's content strategy based on user feedback, market trends, and technological advancements. Keep track of emerging news platforms, social media trends, and content consumption patterns to stay ahead of evolving user needs and preferences.



4. User Engagement and Communication: Maintain open channels of communication with users to gather feedback and address any concerns related to content sources. Encourage users to provide suggestions and recommendations for improving the news content. Communicate any updates or changes in content sources to users transparently.
5. Crisis Response: Develop a contingency plan in case any major content sources become unavailable or unreliable. Identify backup options and alternative sources to mitigate the impact on users and ensure a continuous flow of news content.

**Current Status :-**

30/04/2023 - Mitigation steps initiated

**Originator :- Deep gohil**

**Assigned :- shashwat shah**

**Conclusion:**

Hence, Risks were identified and a risk table was created and a risk information sheet was made for the same.