

Top Project Risks as of 09/23/2018

Rank		Risk Description	What causes this risk?	Risk Mitigation Action Items	P(L) 1-10	S(L) 1-10	RE	Rationale why the risk exposure has changed?	No. of Weeks Active
This Week	Last Week								
1	N/A	Trend identification, are we able to identify trending content (rank the topics by frequency?)	Vague definition of trend from the client, Computational complexity of trend identification: underlying algorithm design / architecture design (How to bin trends by topics)	Figure out current workflow in system 1 on identifying trends (including interviewing the content creators)	5	10	50	N/A	1
2	N/A	The product developed may not meet client's needs	Potentially unbounded scope, vague project description, no direct access to endusers (content creators)	More discussion with the client, conduct usability testing to gain enduser feedback on product design (use Validately.com to conduct a survey or at least use google survey)	4	10	40	N/A	1
3	N/A	Team3 lacks technical skills / knowledge to deliver the product within one semester	Personal schedule conflicts with project schedule (personal skill dependency), insufficient training time, team skill set may not cover the development of all the required functionality in the product	Individual make commitment to declare ownership on certain tasks, map out the full functionality and revisit team skill set coverage	5	7	35	N/A	1
4	N/A	Data access (Can I get the data to find trends?)	API capability / availability	Will investigate Facebook API for prototype	3	10	30	N/A	1
5	N/A	Client may have difficulty on integrating and maintaining the system	Missing the skilled personnel	Provide documentation, maintain transparency with the client, select COTS that the client side staff are familiar with	2	4	8	N/A	1
6	N/A	Insufficient funds to provide functionality	Depend on the complexity of the system, we may need an actual budget to rent AWS etc	Client will provide funding once the needs are determined	1	2	2	N/A	1