



GPI ASIA

# Modern Testing to help drive Business Forward

GPI Asia Annual Conference 2012

*By K. Nutdanai Wiangwang  
K. Mint Singhchawla*

*28 June 2012*

# Risk based testing

- Risk Identification
- Risk Analysis
- Risk Mitigation

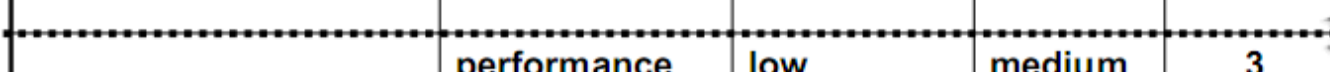


# Risk Analysis

	<i>Area of Risk</i>	<i>Probability of failure</i>	<i>Damage</i>	<i>Risk Score</i>
Ref	<i>Sub system A</i>			
1	input account detail	10	10	100
2	validate input details	8	4	32
3	format transaction	5	6	30
4	send transaction	3	8	24
5	performance of validation	5	2	10

# Risk Analysis

Features	Attributes	Likelihood	Impact	Priority
create account		high	high	6
amend account		medium	high	5
delete account		medium	medium	4
	usability	low	high	4
	performance	low	medium	3
	security	low	low	2

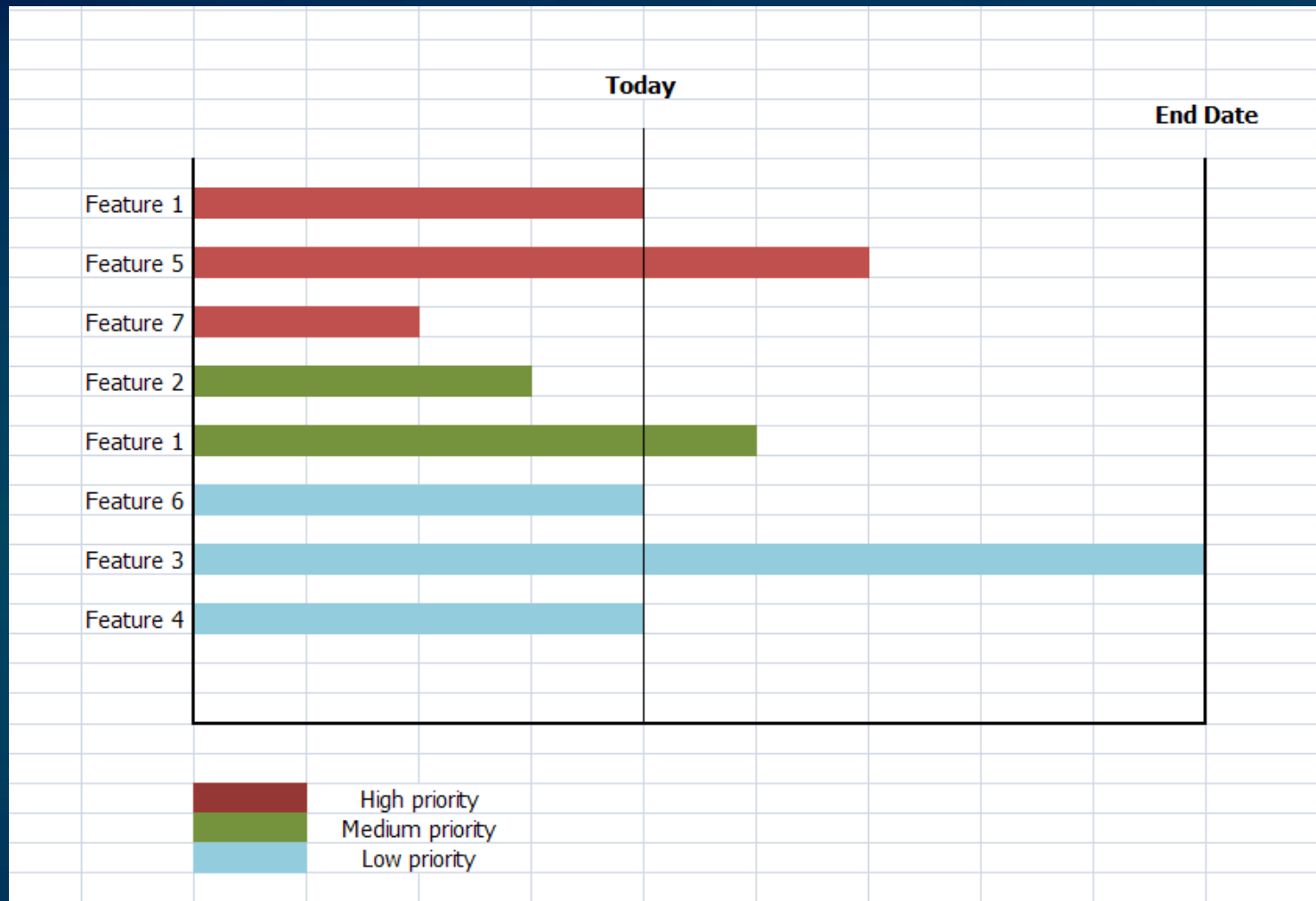


# Risk Mitigation

- ❖ Apply test approach / strategy
  - more testing in the riskier areas
  - Requirements / use case /code walkthrough
  - Unit testing
  - System test
  - Exploratory testing



# Monitoring & Reporting



THANK YOU



globalprocess  
innovations

**GPI**ASIA