Chapter 1.3

ELICITATION-ELABORATION TECHNIQUE

Risk

◦ market risk
  ◦ Will users used our program?
  ◦ Is our program benefit our organization?
  ◦ Are there any similar products to us?
◦ financial risk
  ◦ Do our organization has enough money to support the program?
  ◦ How many years that the program will return benefits?
  ◦ Are there any other choices that our organization will use money?

Risk

◦ technology risk
  ◦ Can present technology support our program?
  ◦ Do we have enough hardware and software?
  ◦ Will technology will out of date?
  ◦ Will technology finish before we start to work?
◦ people risk (Stakeholders)
  ◦ Do we have enough programmer?
  ◦ Do the programmer have skills we need?
  ◦ Will CEO support our program?
  ◦ Do we have good relations with customer?

Risk

◦ structure/process risk
  ◦ Will the program change business process of the organization
  ◦ How many target users will use our program?
  ◦ How many project related to ours?
  ◦ Is there any project that the organization have to be completed before us?

8.2 Risk Identification and Solutions

Technology failure

Risk ID	Headline	Description
1	Server fail	Some factors lead to the situation where the server cannot provide accurate data.

Human failure

Risk ID	Headline	Description
2	Lack of responsibility of team's member	A member of the team cannot finish her task on time or cannot meet the requirement of the project.
3	Lack of skills	A member of the team does not have experience and skill to do the project. To find/create certain functions,

		developers take a longer time since they need to gather knowledge first.
4	A team member gets sick or has an accident	A team member may get sick or has an accident and cannot work on the project.

Process failure

Risk ID	Headline	Description
5	Project schedule changes.	Some factors may force the project schedule to change.
6	The system faces reliability or stability	Users cannot use the application or cannot get complete information because of unexpected external factors.
7	Requirements might change.	New ideas from stakeholders make the project requirements

		change.
8	Tasks are not completed in time.	Some factors may lead to the situation where the team members cannot finish their work in time
9	Work cannot be traced.	The change of the requirement may lead us to change our previous work
10	Works do not meet the requirements.	Team members did not understand the requirement clearly.

Estimated Effort and Cost

Process	Month											
	๑	๒	๓	๔	๕	๖	๗	๘	๙	๑๐	๑๑	๑๒
๑. วิเคร... บริษัท การนำเที่ย... จ ‖ **1. Analysis Market**	×	×	×	×								
๒. วิเคราะห์ จัดห... : แพ็คเกจการ ท่องเที่ยว ที่เหมาะ... ย ‖ **2. Design**				×	×	×	×					
๓. พัฒนา Travel ...canner application ‖ **3. Implement**	×	×	×	×	×	×	×	×	×	×	×	
๔. ทดสอบประสิท... Budget Package Scanner application เนทางเชิงธุรกิจ และ นักเดินทางไ... ข้อวิจารณ์ เพื่อ ปรับแก้ application ‖ **4. Test**										×	×	×
5. Support & maintenance											×	×
											×	×

(เก็บความต้องการ จากสถาน ประกอบการ / ออกแบบ จัดทำ และ ทดสอบโปรแกรม / ปรับแก้โปรแกรม จัดทำคู่มือ)

Item	Approximately Cost (THB)
Text Books	1,000
Embedded hardware	1,500
Document Printing	2,000
Poster Presentation	500

Brainstorming Technique 1

Mind Map

1. Central Idea
2. Main Idea
3. Color
4. Word
5. Image

◦ https://www.youtube.com/watch?v=4wZ5wV5dPZc

◦ Class Work: Find the scope/stakeholder by using Mind Map (20 minutes)

Activity 1 Risk & Resource (15 mins)

Find Risk in your project as much as possible

GROUP HOMEWORK

SUBMISSION DATE 07/09/2017

◦ Use Mind Map showing the **SCOPE** of your project
◦ Find Risk in your project
◦ Estimate resources + time line (4 months)

Final Project

Good requirements   10   points

Interested Features   5   points

Blog   5   points

Please Put a link to your blog here, by 6/09/2017

https://docs.google.com/spreadsheets/d/1eznaC8oROvtN1hV1EQDly0FB-zoO0BaVJ7NgOgjWwiQ/edit#gid=0