SFWR ENG 3RA3 Summary

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Math objects made using MathType; graphs made using Winplot.

Please join GitHub and contribute to this document. There is a guide on how to do this on my GitHub.

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Lecture 1

And so it begins…

Lecture 5

Types of projects:

- Rabbit:
  - Agile
  - Short life
- Horse:
  - Fast, strong, dependable
  - Most common in corporate
  - Medium longevity
- Elephant:
  - Solid, strong, long life

Knowledge Acquisition:

Stakeholders: important to identify when determining who to customize the project towards

- Who is responsible for funding/using/managing the project?
- Caution: interactions with them must be done carefully

Domain expertise: domain refers to who the project is the set of people the system is directed towards. So what does the domain know / qualifications.

Artifact-driven: basing the requirements on data collection, questionnaires, etc.
You can often collect too much data. Only keep what you need to know. You need to *prune* the document space, so you only keep the useful data.

Scenario: similar to *storyboards*…

Positive Scenario: behaviour system should cover

- **Normal Scenario**: everything proceeds as expected
- **Abnormal Scenario**: a desired exception

Negative Scenario: behaviour system should exclude