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Unit 1 – Project Organisation

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Agenda

- **Zenhub for Github**
- **Workflow**
  - Defining Issues
  - Projects, Epics and Issues
  - Reports

Defining Issues

- **Do not think that the issues are just a merely "*big list of problems*"**
- **High-quality issues**
  - Well-managed
  - Triangled (Degree of urgency)
  - Labeled issues

- Incredible insight into your code
- Track code problems
- Contributions

How to make a good issue?

- **Tell the story: “*who, what, and why*”**
- **Template Example:**

“As a <user type>, I want to <task> so that <goal>.”

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- **For instance:**

  “As a <Supervisor>, I want to <create an author profile> so that <I can see the researcher performance>.”

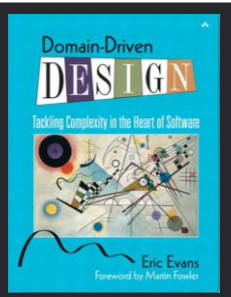
- **Tutorial:**

  https://help.zenhub.com/support/solutions/articles/43000074624-create-multiple-new-issue-templates-in-a-workspace

Qualities of a good issue

- Avoids jargon or mumbo jumbo. It is advisable to use “*Ubiquitous Language*”
- Value to customers
- Small task that can be easily estimated in terms of time and resources required
- If it possible each issue should be independent
- Is measurable; you can test for results

Concept of Eric Evans



Projects, Epics and Issues

- **Demo**

Reports

- Roadmap
- Optional
  - Burndown Report
  - Velocity Tracking

Bibliography

- **Github Issues**
  - https://guides.github.com/features/issues/
- **Zenhub**
  - Roadmap: https://help.zenhub.com/support/solutions/articles/43000539465-an-introduction-to-zenhub-roadmaps
  - Estimating work using Story Points: https://help.zenhub.com/support/solutions/articles/43000010347-estimate-work-using-story-points

Another interesting links

- **Zenhub**
  - Zenhub free eBooks: https://www.zenhub.com/resources#ebooks
  - An Introduction to Zenhub Sprints: https://help.zenhub.com/support/solutions/articles/43000611544
  - Use Control Charts to Review Issue Cycle/Lead time: https://help.zenhub.com/support/solutions/articles/43000300345-use-control-charts-to-review-issue-cycle-lead-time