

# Software Engineering 1<sup>1</sup>

## A Study Guide for Students of Sorsogon State University- Bulan Campus<sup>2</sup>

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<sup>1</sup>A course in the Bachelor of Science in Computer Science

<sup>2</sup>This book is a study guide for students of Sorsogon State University- Bulan Campus taking up the course Software Engineering 1.

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Sorsogon State University- Bulan Campus

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# Preface

*“If people do not believe that mathematics is simple, it is only because they do not realize how complicated life is.”*

– John von Neumann

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# Software Development Methodologies

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# Diagramming for Software Development



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## **Low-Fidelity Prototyping with Balsamiq**

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## UI/UX Design with Figma

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# Software Development Design Patterns and Principles

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## Fundamentals of Software Quality Assurance (QA)

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## API Testing with Postman

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## End-to-End Testing with Playwright

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## References

### A. Books

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