

Intro



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Food Planner

DS301E14

Intro

Problem statement &
Information Gathering

Quality Assurance

Unit Testing

Reflection

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- ▶ Causes
- ▶ Problem Statement
- ▶ XAML
- ▶ Code Exammples
- ▶ Unit Testing
- ▶ Usability Test
- ▶ Reflection

Problem statement & Information Gathering



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Problem statement

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- How can a software system assist the consumer in planning and managing a meal plan to minimize food waste and simultaneously be flexible enough to support their planning, shopping and cooking habits?



Information Gathering

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Quality Assurance

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Quality Assurance



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Fulfilling the semester description

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- ▶ Quality assurance (in terms of program testing and results and usability evaluation and results), including arguments for coverage and validity. (Semester description)
- ▶ Program testing = Unit testing.
- ▶ Usability testing = IDA.

Unit Testing



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What is unit testing?

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- ▶ Initial stage of program testing.
- ▶ Isolate smallest testable code.
- ▶ Confirm if the unit behaves correctly.

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Possible candidates for unit testing

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- ▶ Classes e.g. User, Ingredient or Recipe
 - ▶ Testing their properties or methods
- ▶ Methods e.g. search algorithm (Integration test)

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Reflection



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missing features

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Optimization

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Evaluation of design

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Requirements

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