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| University of Cape Town UCT Logo PNG vector in SVG, PDF, AI ...  **INF2009F -- 2025**  **Problems in Software Development & Software Development Methodologies**  **Exercise 1 ---- 15 Marks** | |
| **Student Name** | Makanaka Mangwanda |
| **Student Number** | MNGMAK013 |
| **Marks** | /15 |

**IMPORTANT NOTE:**

* **Copied or Plagiarised answers will get 0 and student will be referred to Maureen Tanner and Ayanda Pekane for further actions**
* **Please upload your completed exercise on Amathuba by the 24th February 2024 at 9:00am**

1. **Explain in your own words, why IT Projects fail (3 marks)**

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1. **What are the disadvantages of using a plan-based approach (Traditional SDLC) to software development? (Describe each disadvantage in your own words) (3 marks)**

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1. **Give a summary of the Agile manifesto (3 marks)**

**(Hint – do some research on this)**

1. **Use (in your opinion) 3 of the most significant of the 12 principles of Agile development to motivate why agile software development methodologies can resolve the problems introduced by plan-based (traditional SDLC) approaches? (6 marks)**

**Development methodologies—Mike Chapple:**<https://www.linkedin.com/learning/search?keywords=Systems%20development%20methodologies%20&u=70295562>

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