1. User Stories
2. A white sheet with blue text

   Description automatically generated
3. Functional vs non-functional
   1. Viewpoints of Requirements
4. MoSCoW method
5. Why do requirements need tests?
6. Agile vs. Waterfall
   1. Limitation?

W4

1. Verifiable Requirements include?
   1. Non-functional Metrics? Performance reliable robustness portability (ease to use and size)
   2. Hard-to-test Requirements make example, but how to test it? Backup and recovery testing/mock testing
2. Domain Modelling
   1. What include ? class object method
   2. What relationship include? (there are 4)
3. Prototyping
   1. Type of proty(2)
   2. Benefit?

W5

* PEGS?
* Project require vs goals require? Make example?
* Analysis vs validation?
* UML class diagram 100% in exam

W6

Sequence diagrams

* Why?
* What?

W7

* **State Chart Diagram vs. Sequence Diagram?**
* When use state diagram?
* What is coupling
* What is cohesion
* Which is higher is better

W8

* What architecture we have? 3 main 5 other
* What is the different between first two >
* What is MVC?

W9

* What is user interface
  + What is 3 important components for user interface?
* What are hardware interfaces
* What are software interfaces?
  + Definition? How it works? Example?
* Top-down vs. Bottom-up? How they work? Which common use in what situation and why?

W10

* Remember the design pattern and reason!! 200% exam
* Why design pattern?
* Kind of patterns? 3
* First one has?3
* Second one?1
* Facade Pattern principle and why and example
* Adapter Pattern principle and why and example
* Proxy Pattern principle and why and example
* Observer Pattern principle and why and example

W11

* What why when Refactoring?
* How
* Advantage of it?