# WHICH DIAGRAMS, TABLES, DESCRIPTIONS WILL BE PREPARED FOR THE PROJECT

**(a professional drawing software is a must like a Microsoft Visio, or Microsoft office)**

1. Which one will be your project model waterfall, incremental or reuse-oriented development (chapter 2). Explain in details and why?

2. Write full story of your project features (for each feature) (example case "A 'prescribing medication' story" in chapter 3, page 21)

3. Write detailed test case of your project features (for each feature) (example case "Test case description for dose checking" in chapter 3, page 31)

4. Write full requirements definition of your project (example : chapter 4 , User and system requirements page 7)

5. Write full nonfunctional requirements of your project (example : chapter 4 , Examples of nonfunctional requirements in the MHC-PMS page 18)

6. Fill your project nonfunctional requirements metrics table (example : chapter 4 , Metrics for specifying nonfunctional requirements page 21)

7. Write full requirements of each part of your project (example : chapter 4 , Example requirements for the insulin pump software system page 39)

8. Write full structured requirements of each part of your project (example : chapter 4 , A structured specification of a requirement for an insulin pump page 42-43)

9. Write tabular computation of your each function/model of your software (example : chapter 4 , Tabular specification of computation for an insulin pump page 45)

10. Write detailed scenarios for your project (example : chapter 4 , Scenario for collecting medical history in MHC-PMS page 62-63)

11. Draw use cases diagram for all use cases of your project like in chapter 4 page 65 (a professional drawing software is a must like a Microsoft Visio, or Microsoft office)

12. Draw full details context UML diagram of your project like in chapter 5 page 10

13. Draw fully detailed process model UML diagram of your project like in chapter 5 page 12

14. Draw every use cases UML diagram of your project like in chapter 5 page 15

15. Prepare tabular description of your projects' use cases like in chapter 5 page 16

16. Draw use cases of each agents' use cases UML diagrams of your application like in chapter 5 page 17

17. Draw Sequence diagrams of every action in your project like in chapter 5 page 19-20

18. Draw UML classes associations of all classes like shown in chapter 5 page 23-24

19. Draw class models like shown in chapter 5 page 25

20. Draw generalization hierarchy of your classes and all their details like shown in chapter 5 page 30-31

21. Draw aggregation associations of all your classes like shown in chapter 5 page 33

22. Draw activity model of your application like shown in chapter 5 page 36

23. Draw your application processes like shown in chapter 5 page 37

24. Draw state diagram of your application like shown in chapter 5 page 40

25. Prepare structured forms of your application's states like shown in chapter 5 page 41-42

26. Draw the software architecture of your project like shown in chapter 6 page 42, 49

27. Draw context diagram of your project like shown in chapter 7 page 9

28. Draw high level architecture of your project like shown in chapter 7 page 13

29. Draw all object classes of your project like shown in chapter 7 page 19