Pt1:  
1.List all requirements – they must be concise and disjoint

2. List all design decisions

3. Simulink diagram with annotation, and testing performed + results

Pt2:

1. List likely changes to requirements
2. List all design decisions likely to change
3. For each module:
   1. Describe purpose
   2. List public functions and parameters
   3. Describe black box behaviour
   4. Describe global variables (state variables)
   5. List private functions in module
   6. Describe internal behaviour of functions