



Neapolis University Pafos

Course Code: IS506

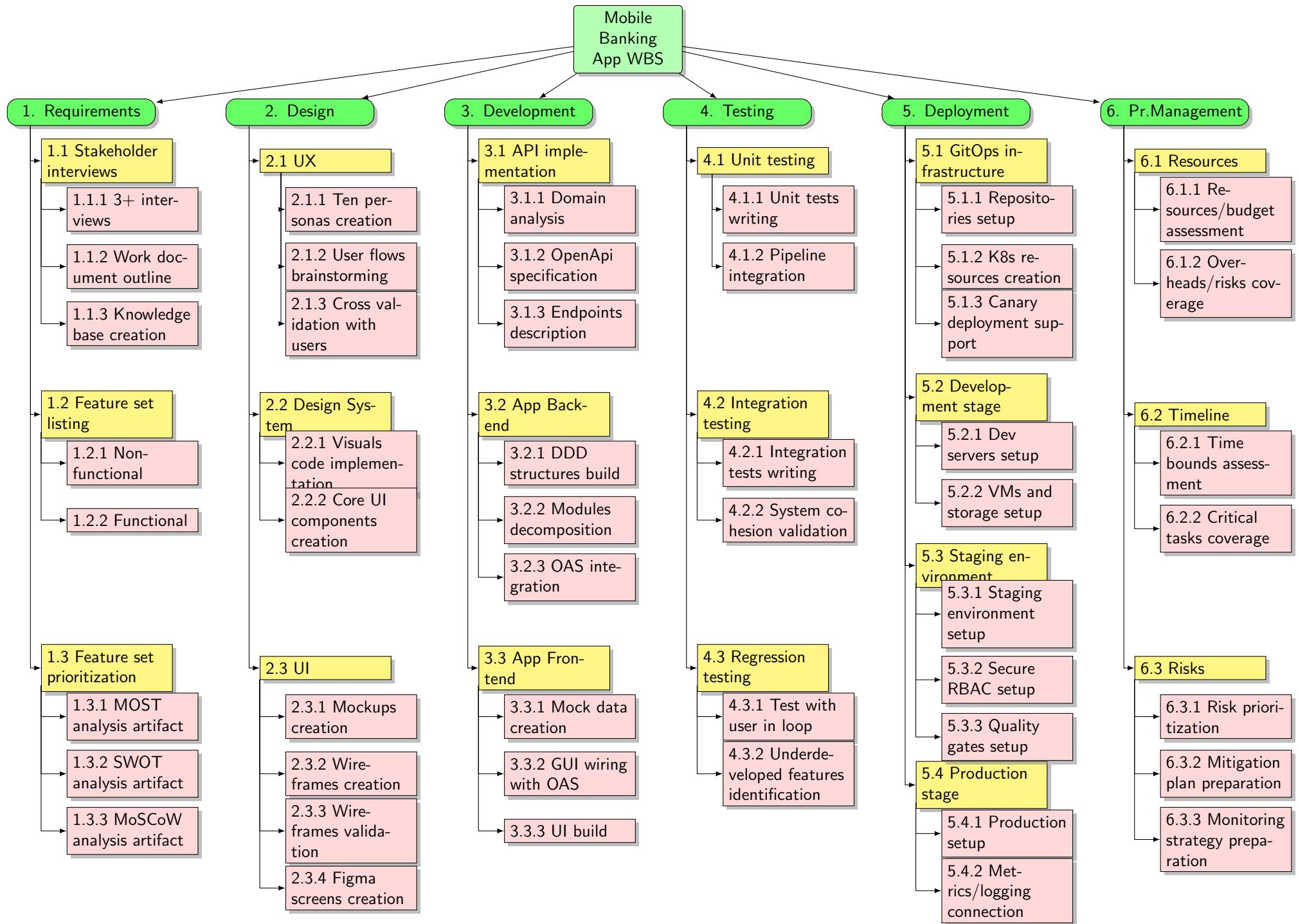
IT Project Management Midterm

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1 Q1 (40 points)



2 Q2 (60 points)

activity:	A	B	C	D	E	F	G	H	I	J
duration:	2	5	3	7	3	4	3	3	4	2
slack:	0	0	5	0	4	5	0	1	0	0

Table 1: Activity durations and slack times

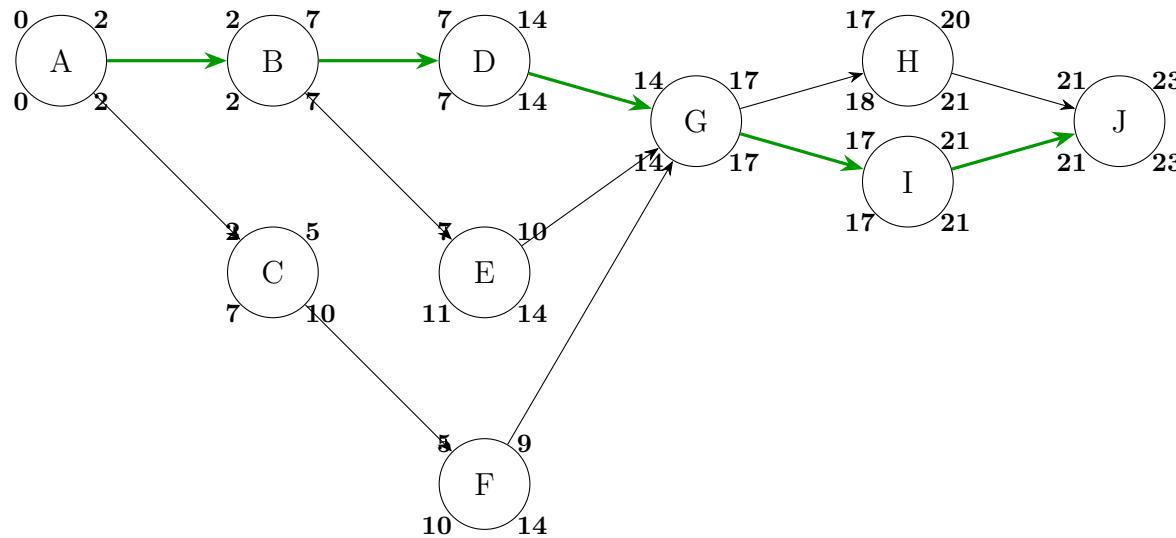


Figure 1: Activity on Node (AON) Diagram

Forward Pass: Definition of earliest start times based on earliest finish (EF) times.

- G: $\max(D_{EF} = 14, E_{EF} = 10, F_{EF} = 9) = 14$
- J: $\max(H_{EF} = 20, I_{EF} = 21) = 21$

Backward Pass: Definition of latest finish times based on latest start (LS) times.

- G: $\min(H_{LS} = 18, I_{LS} = 17) = 17$
- B: $\min(D_{LS} = 7, E_{LS} = 11) = 7$
- A: $\min(B_{LS} = 2, C_{LS} = 7) = 2$

Critical Path: A → B → D → G → I → J

Project duration: 23 days