Software Engineering Laboratory

CS3074

Judiciary Information System (JIS)

Work Breakdown Structure

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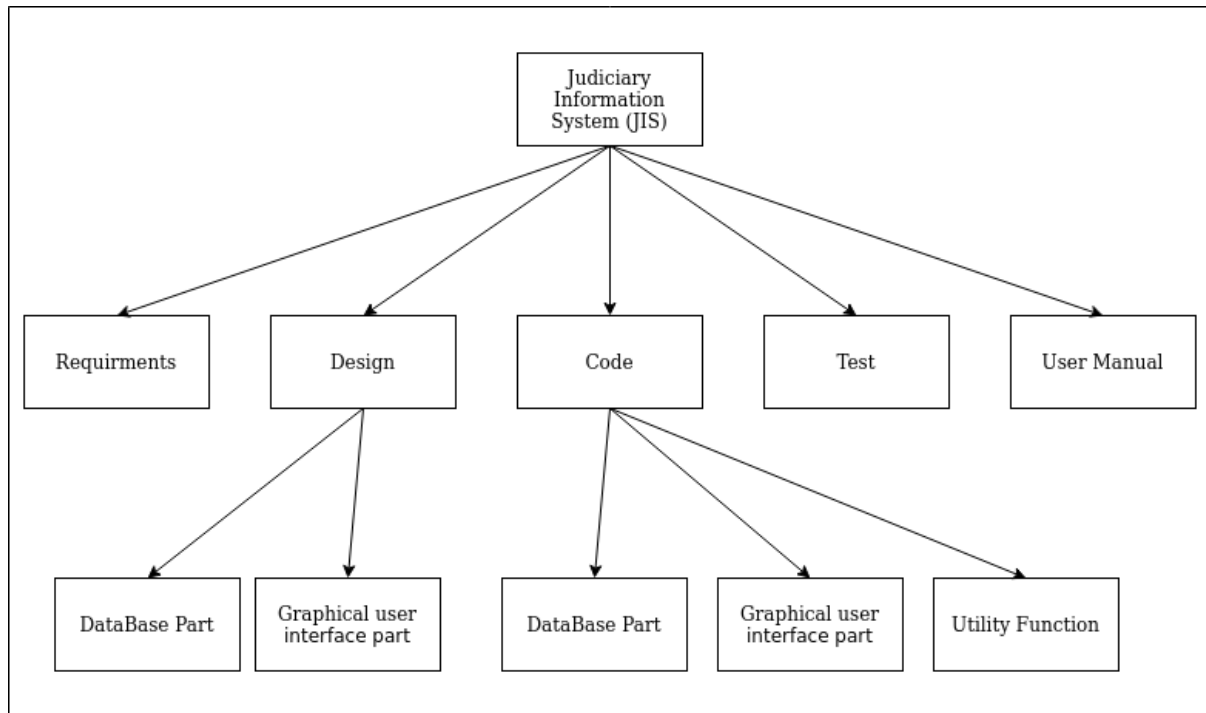Activity network diagram

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Critical Path
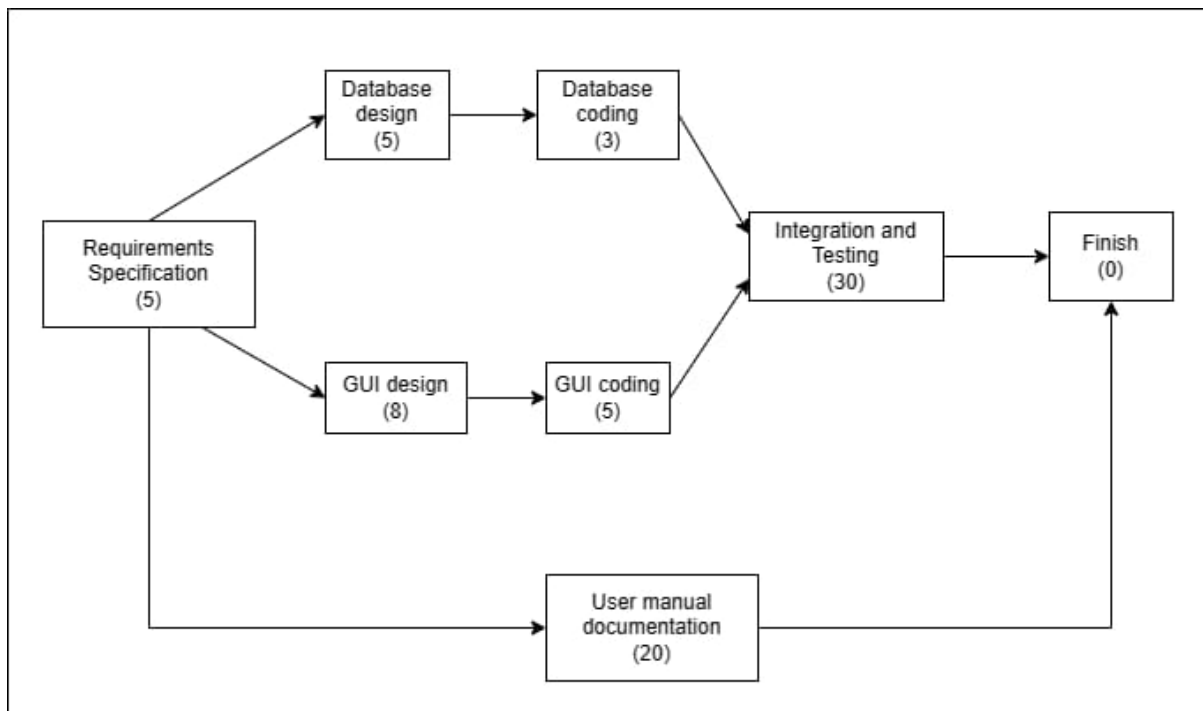
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Work Breakdown Structure:

Activity network diagram:

Task number	Task	Duration (Days)	Dependent on Tasks
T1	Specification	5	--
T2	Design Database	5	T1
T3	Design GUI	8	T1
T4	Code Database	3	T2
T5	Code GUI part	5	T3
T6	Integrate and Test	30	T4 and T5
T7	Write User Manual	20	T1

Critical Path:

- The critical path is obtained by calculation of Earliest Start (ES) and Earliest Finish (EF) time, taking into consideration the time duration of each activity in the activity network.
- The critical path is illustrated in red colour in the following diagram.