

ST. ANN'S COLLEGE OF ENGINEERING & TECHNOLOGY: CHIRALA
DEPARTMENT OF COMPUTERSCIENCE & ENGINEERING

LAB SCHEDULE

SUBJECT: UML & DP LAB

ACADEMIC YEAR:2017-18

NAME: Mr.D.N.V.SYAM KUMAR

YEAR&SEM/SECTION: IV-I 'C'

No. of Lectures per week: 3

BATCH-I

S.NO	DATE	TOPICS
1	19-06-2017	Introduction
2	03-07-2017	1)Familiarization with Rational Rose or Umbrello. 2)a)Identify and analyze events 2)b) Identify Use cases.
3	10-07-2017	3)a) Develop event table 3)b) Identify & analyze domain classes.
4	17-07-2017	4)a) Represent use cases and a domain class diagram using Rational Rose 4)b) Develop CRUD matrix to represent relationships between use cases and problem domain classes
5	24-07-2017	5)a) Develop Use case diagrams 5)b) Develop elaborate Use case descriptions & scenarios
6	31-07-2017	6)a) Develop prototypes (without functionality) 6)b) Develop system sequence diagrams.
7	07-08-2017	7) a)Develop high level sequence diagram for for each use case 8) a) Identify MVC classes / objects for each use case.
8	21-08-2017	Revision
9	28-08-2017	9)a) Develop Detailed Sequence Diagrams / Communication diagrams for each use case showing interactions among all the three-layer objects
10	04-09-2017	10)a) Develop detailed design class model (use GRASP patterns for responsibility assignment) 10)b) Develop three-layer package diagrams for each case study
11	11-09-2017	11)a) Develop Use case Packages 11)b) Develop component diagrams
12	18-09-2017	12)a) Identify relationships between use cases and represent them 12)b) Refine domain class model by showing all the associations among classes
13	25-09-2017	13)Develop sample diagrams for other UML diagrams - state chart diagrams, activity diagrams and deployment diagrams
14	09-10-2017	Internal Lab
15	16-10-2017	Revision
16	23-10-2017	Revision

FACULTY MEMBER

HEAD OF THE DEPARTMENT

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No. of Lectures per week: 3

BATCH-II

S.NO	DATE	TOPICS
1	21-06-2017	Introduction
2	28-06-2017	1)Familiarization with Rational Rose or Umbrello. 2)a)Identify and analyze events 2)b) Identify Use cases.
3	05-07-2017	3)a) Develop event table 3)b) Identify & analyze domain classes.
4	12-07-2017	4)a) Represent use cases and a domain class diagram using Rational Rose 4)b) Develop CRUD matrix to represent relationships between use cases and problem domain classes
5	19-07-2017	5)a) Develop Use case diagrams 5)b) Develop elaborate Use case descriptions & scenarios
6	26-07-2017	6)a) Develop prototypes (without functionality) 6)b) Develop system sequence diagrams.
7	02-08-2017	7) a)Develop high level sequence diagram for for each use case 8) a) Identify MVC classes / objects for each use case.
8	09-08-2017	Revision
9	16-08-2017	Revision
10	23-08-2017	9)a) Develop Detailed Sequence Diagrams / Communication diagrams for each use case showing interactions among all the three-layer objects
11	30-08-2017	10)a) Develop detailed design class model (use GRASP patterns for responsibility assignment) 10)b) Develop three-layer package diagrams for each case study
12	06-09-2017	11)a) Develop Use case Packages 11)b) Develop component diagrams.
13	13-09-2017	12)a) Identify relationships between use cases and represent them 12)b) Refine domain class model by showing all the associations among classes
14	20-09-2017	13)Develop sample diagrams for other UML diagrams - state chart diagrams, activity diagrams and deployment diagrams
15	27-09-2017	Revision
16	04-10-2017	Revision
17	11-10-2017	Internal Lab
18	18-10-2017	Revision

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