

## TOPIC: CLASS-RESPONSIBILITY-COLLABORATION

### TEAM MEMBERS:

PES2UG21CS313 : TANIA SOMANNA

PES2UG21CS315 : NAGAVENI L G

PES2UG21CS325: NAVYA H U

PES2UG21CS337: NIKITA

PES2UG21CS338: NIKITHA V

PES2UG21CS351: NIVEDITHA DEEPAK

PES2UG22CS817: RANJITHA

### PROBLEM STATEMENT - 1: LIBRARY MANAGEMENT SYSTEM

DATE	
RESPONSIBILITIES	COLLABORATION
Handling the generation of due dates for borrowed items	library
checking whether a due date has passed	borrower

## Book

### Responsibility:

- Represent book details
- Represent author of the book

### Collaboration:

- Collaborating with librarian and library
- classes for effective integration into the library system

## Lendable

- loans
- due date
- title
- check out

Date

Library	
lendable items	
tracking	Lendable class
handling lending	
handling returning	
Searching	

Librarian	
<u>Responsibilities</u>	<u>Collaboration</u>
• Checking in	- Library
• Checking out	- Library
• Searching for lendable items	- Lendable



User	
<ul style="list-style-type: none"> <li>• account creation</li> <li>• profile customization</li> <li>• content sharing</li> <li>• networking</li> </ul>	Post Friend

Friend	
Responsibility:	Collaboration:
<ul style="list-style-type: none"> <li>• Networking between users</li> </ul>	<ul style="list-style-type: none"> <li>• user</li> </ul>

NOTIFICATION	
RESPONSIBILITY	COLLABORATIONS
user alerts	
interacting with user	post
interacting with friend requests	user

POST	
Content sharing	User class

## PROBLEM STATEMENT – 2 Social Media Platform



User	
<ul style="list-style-type: none"> <li>• account creation</li> <li>• profile customization</li> <li>• content sharing</li> <li>• networking</li> </ul>	Post Friend

<u>Friend</u>	
Responsibility : <ul style="list-style-type: none"> <li>• Networking between users</li> </ul>	Collaboration : <ul style="list-style-type: none"> <li>• user</li> <li>•</li> </ul>



NOTIFICATION	
RESPONSIBILITY	COLLABORATORS
user alerts	
interacting with likes	post
interacting with friend requests	user

User	
<ul style="list-style-type: none"> <li>• account creation</li> <li>• profile customization</li> <li>• content sharing</li> <li>• networking</li> </ul>	Post Friend

Friend	
Responsibility:	Collaboration:
<ul style="list-style-type: none"> <li>• Networking between users</li> </ul>	<ul style="list-style-type: none"> <li>• user</li> </ul>

NOTIFICATION	
responsibility	collaborations
user alerts	
interacting with user	post
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POST	
Content sharing	User class