

Exercise 2: Responsibility-driven design

Deadline: 20.10.21

TODO: By the end of this exercise, students should understand how to identify the right domain entities from the requirements, and know why and how to prepare CRC cards. The following podcast from P2 on "Object-oriented design principles" could help with this exercise: <https://tube.switch.ch/videos/f74aediae>

Task 1:

TODO: Discuss within the team and identify main domain concepts from the requirements. Make sure they represent domain concepts and not technical components. Create at least two CRC cards and show responsibilities and collaborators. You could prepare a shared document for your team where you will keep all the CRC cards. You can add/update CRC cards as the project progresses.

Post	
create post	User
upvote post	
downvote post	
change post (title, text or image)	
search posts	User

Feed	
display the posts	Post

User	
register	
login	
create post	Post

Task 2:

TODO: Prepare UI mockups as the "User interface design" lecture comes at the end when most of the implementation work is finished. You could prepare a shared document for your team where you will keep all your current and future mockups for the application you are building. There are various tools to create mockups. The simplest way could be to use pen and paper! More sophisticated mockups can be created with tools, such as Balsamiq.

Mockup under following link:

<https://xd.adobe.com/view/cfbf49e2-2c74-4f10-a77a-73e63a449308-9aec/>