

Software engineering lab

FS22 - Group 21

Milestone 1 – Report

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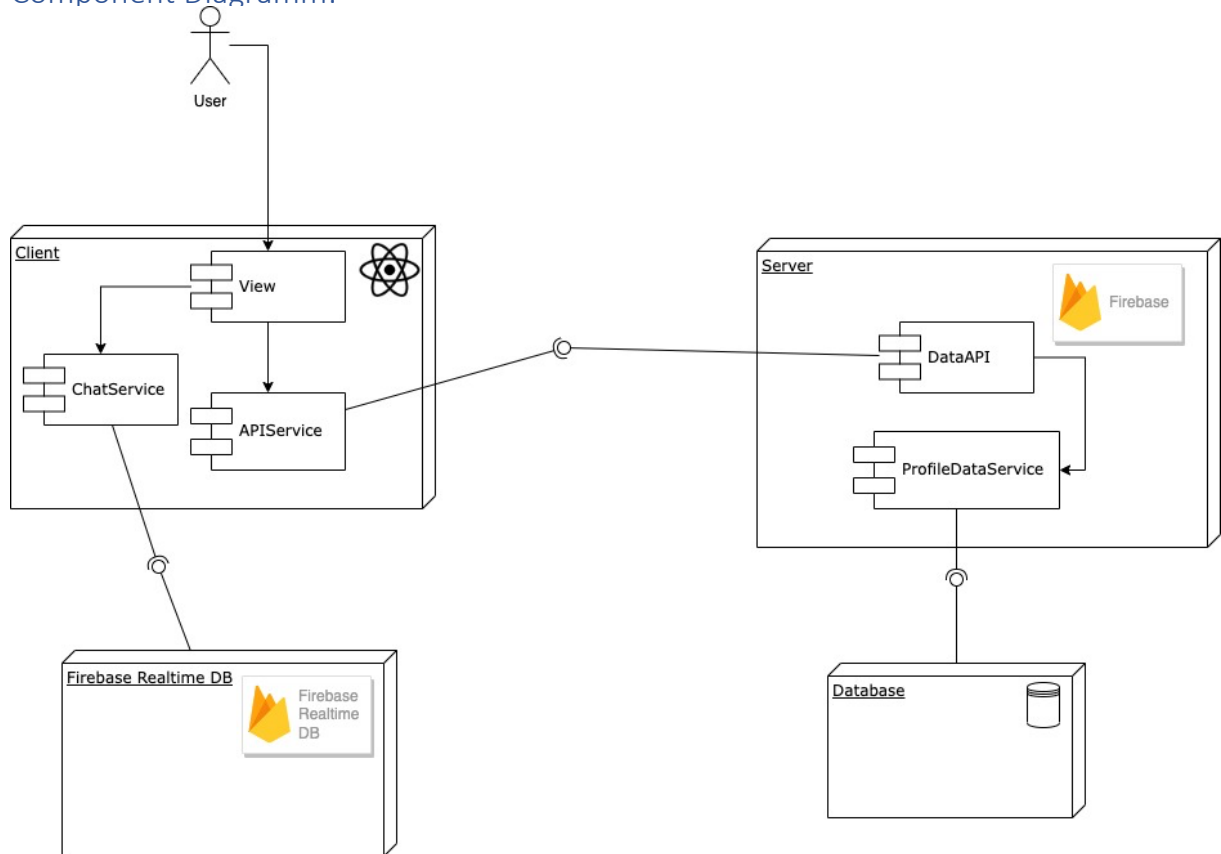
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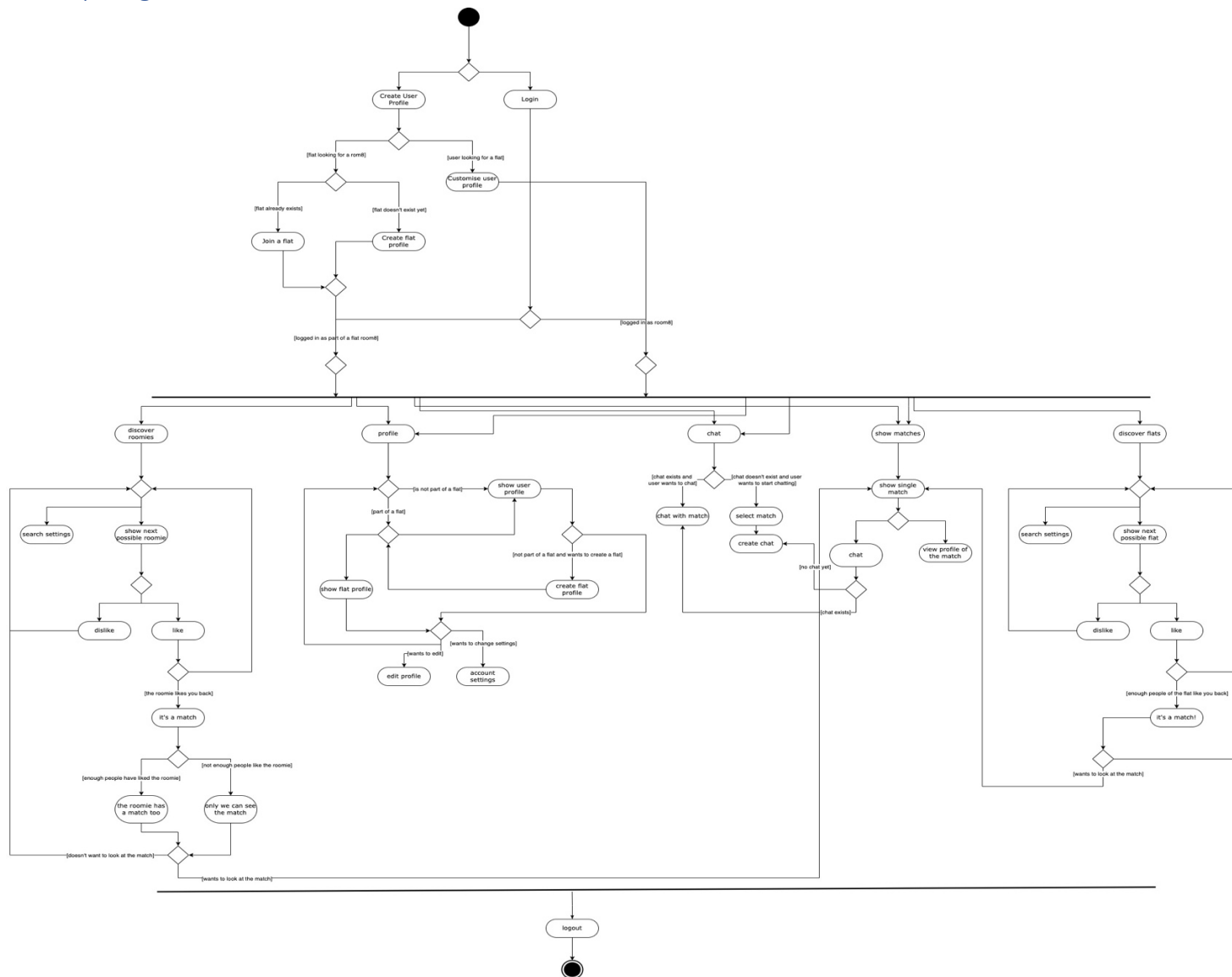
Lars Bösch – 18-921-981



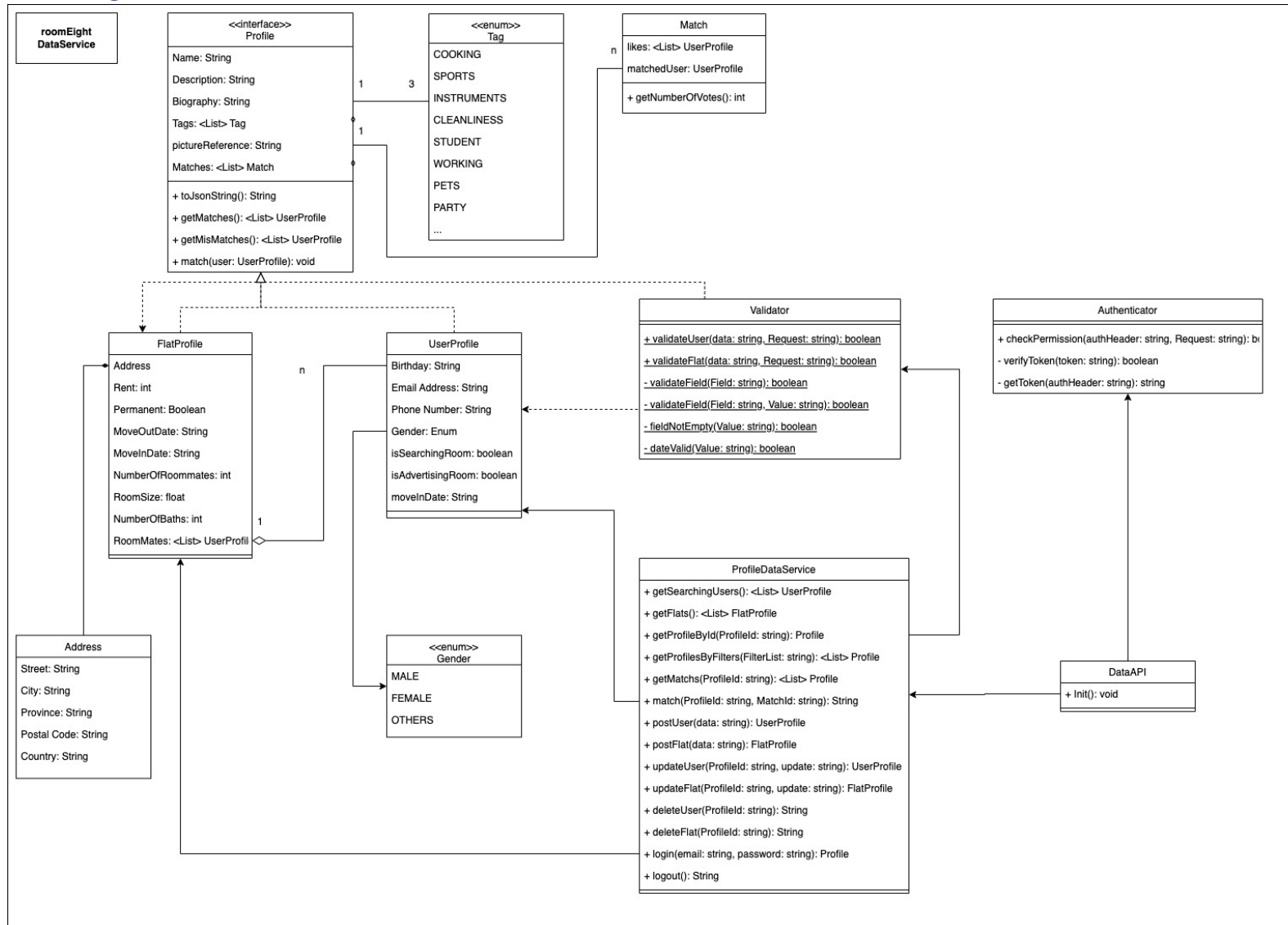
Component Diagramm:



Activity Diagramm:



Class Diagramm:



Specification of the REST Interface:

Data Service							
Section	Mapping	Method	Parameter Type	Parameter	Status Code	Response	Description
Login/Logout							
	/login	post	body	email, password	200	User Profile	Login User
	/login	post	body	email, password	401	error	Login User with invalid credentials
	/logout	post	none	none	200	"Successfully logged out"	Logout User
	/logout	post	none	none	403	error	Logout User with invalid auth
User Profile Operations							
	/userprofiles	get	none	none	200	List <User Profile>	Get all users
	/userprofiles	get	none	none	403	error	Get all users with invalid auth
	/userprofiles	post	body	User Profile	201	User Profile	Add user
	/userprofiles	post	body	User Profile	403	error	Add user with invalid auth
	/userprofiles	post	body	User Profile	400	error	Add user with invalid body (Validator error)
	/userprofiles	patch	body	id, update	200	User Profile	Patch user
	/userprofiles	patch	body	id, update	403	error	Patch user with invalid auth
	/userprofiles	patch	body	id, update	404	error	Patch user -> user with id not found
	/userprofiles	patch	body	id, update	400	error	Patch user with invalid body (validator error)
	/userprofiles?id={id}	delete	query	id	200	"Successfully deleted user {name} ({id})"	Delete User
	/userprofiles?id={id}	delete	query	id	403	error	Delete User -> invalid auth
	/userprofiles?id={id}	delete	query	id	404	error	Delete User -> user with id not found
Flat Profile Operations							
	/flatprofiles	get	none	none	200	List <Flat Profile>	Get all flat
	/flatprofiles	get	none	none	403	error	Get all flat with invalid auth
	/flatprofiles	post	body	Flat Profile	201	Flat Profile	Add Flat
	/flatprofiles	post	body	Flat Profile	403	error	Add Flat with invalid auth
	/flatprofiles	post	body	Flat Profile	400	error	Add Flat with invalid body (Validator error)
	/flatprofiles	patch	body	id, update	200	Flat Profile	Patch Flat
	/flatprofiles	patch	body	id, update	403	error	Patch Flat with invalid auth
	/flatprofiles	patch	body	id, update	404	error	Patch Flat -> user with id not found
	/flatprofiles	patch	body	id, update	400	error	Patch Flat with invalid body (validator error)
	/flatprofiles?id={id}	delete	query	id	200	"Successfully deleted flat {name} ({id})"	Delete Flat
	/flatprofiles?id={id}	delete	query	id	403	error	Delete Flat -> invalid auth
	/flatprofiles?id={id}	delete	query	id	404	error	Delete Flat -> user with id not found
Profile Operations							
	/profile?id={id}	get	query	id	200	Profile	Get Profile by Id
	/profile?id={id}	get	query	id	403	error	Get Profile by Id with invalid auth
	/profile?id={id}	get	query	id	404	error	Get Profile by Id but profile not found
	/profile/filter	get	body	Filter List	200	List <Profile>	Get Profile by Filters
	/profile/filter	get	body	Filter List	403	error	Get Profile by Filters with invalid auth
	/profile/filter	get	body	Filter List	400	error	Get Profile by Filters but invalid Filters
	/profile/matches	get	query	id	200	List <Profile>	Get Matches by Id
	/profile/matches	get	query	id	403	error	Get Matches by Id with invalid auth
	/profile/matches	get	query	id	404	error	Get Matches by Id but profile not found
	/profile/matches	post	body	UserId, MatchId	200	Profile	Match a profile
	/profile/matches	post	body	UserId, MatchId	403	error	Match a profile with invalid auth
	/profile/matches	post	body	UserId, MatchId	404	error	Match a profile but profile not found

Mockups

→ our mockups are accessible on figma:

<https://www.figma.com/proto/f5dV9K8c6NhJool5fhPXqq/roomeight-design?page-id=1605%3A3601&node-id=1691%3A6378&viewport=241%2C48%2C0.2&scaling=scale-down&starting-point-node-id=1605%3A4058>