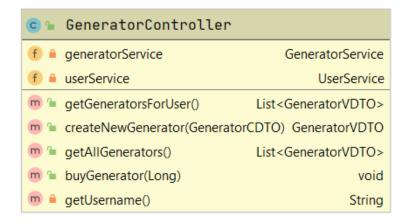
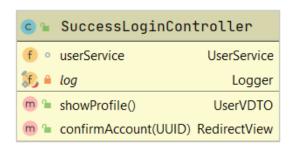
## Class diagram

### Controllers

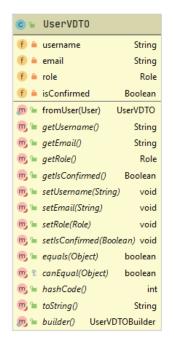


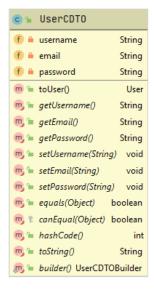




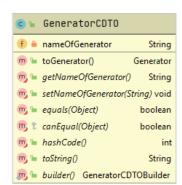
C i	C ← RegistrationController		
f o	userService	UserService	
m 1=	save(UserCDTO)	UserVDTO	

### DTO

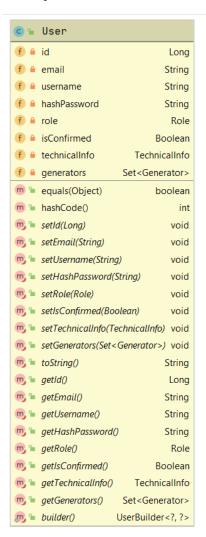


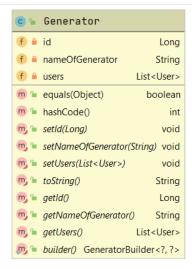


C in	GeneratorVDT0	
f m	id	Long
f 🚊	nameOfGenerator	String
<u>m</u> 🖢	from Generator (Generator)	GeneratorVDTO
m, 🖢	getld()	Long
m, 🖢	getNameOfGenerator()	String
m, 🖆	setId(Long)	void
m, 🚡	setNameOfGenerator(Strir	ng) void
m, 🚡	equals(Object)	boolean
m, ?:	canEqual(Object)	boolean
m, 🖢	hashCode()	int
m, 🖢	toString()	String
<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	builder() Gene	ratorVDTOBuilder



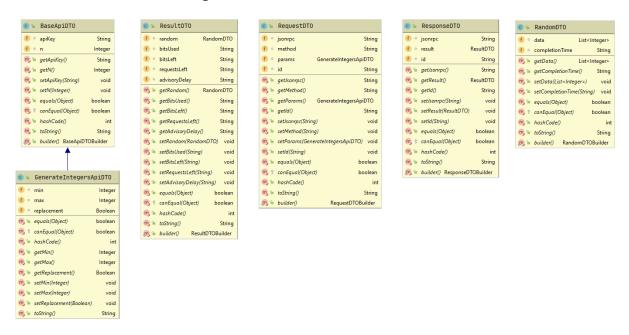
### **Entity**



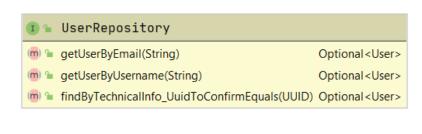


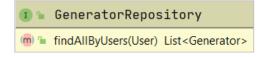
C i	TechnicalInfo	
f A	id	Long
f A	user	User
f A	uuidToConfirm	UUID
m, 1=	setId(Long)	void
m, 1=	setUser(User)	void
m, 🖆	setUuidToConfirm(UUID)	void
<b>(m)</b> 🖆	builder() TechnicalInfoB	uilder
m, 🖆	getId()	Long
m, 1=	getUser()	User
m, 1=	getUuidToConfirm()	UUID

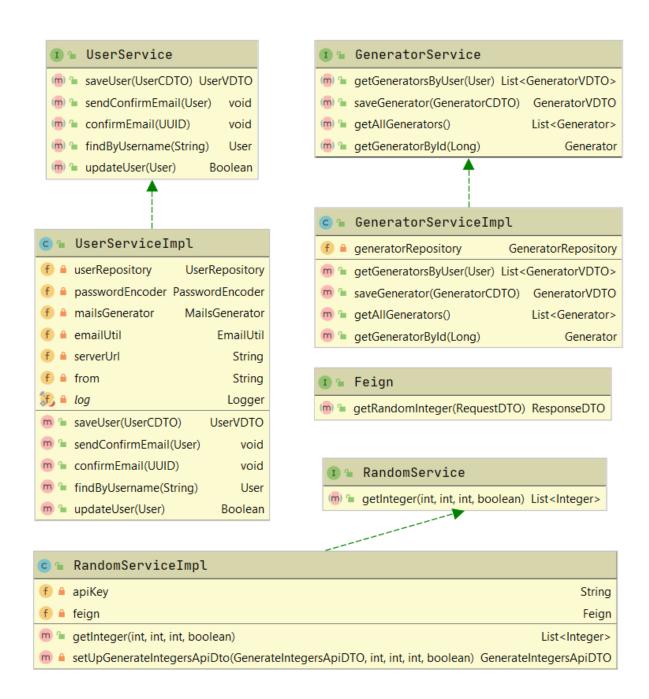
### DTO for Random.org API



### Repository & Services





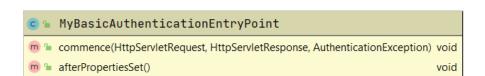


### Security

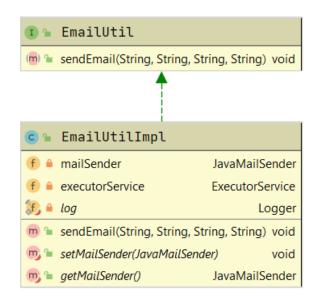


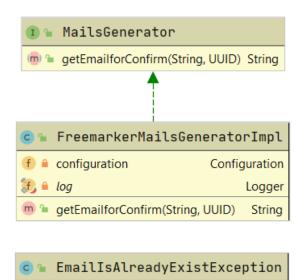






### **Utils**





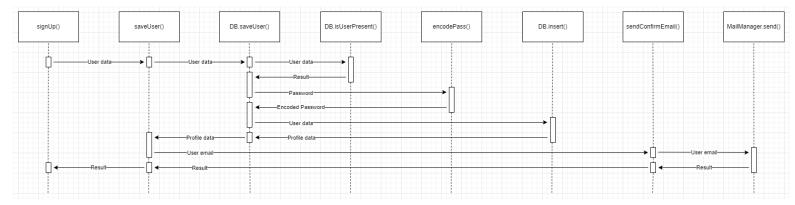
# Package diagram

Конфигурация проекта	config AppConfig
Контроллеры	controller GeneratorController IntegerController RegistrationController SuccessLoginController
DTO	dto GeneratorCDTO GeneratorVDTO UserCDTO UserVDTO
Сущности	entity C Generator C TechnicalInfo C User
DTO для Random.org API	random_org_api  base  BaseApiDTO  request  GenerateIntegersApiDTO  RequestDTO  Response  RandomDTO  ResponseDTO  ResultDTO

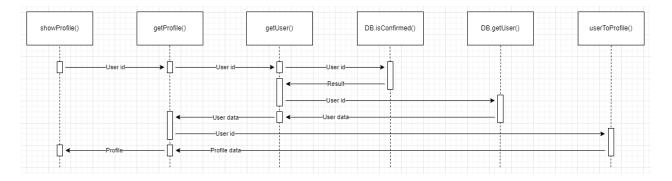
Security	security  config SecurityConfig  details UserDetailsImpl UserDetailsServiceImpl  metails  MyBasicAuthenticationEntryPoint
Репозитории и Сервисы	repostiry  I GeneratorRepository  UserRepository  service  I Feign  GeneratorService  GeneratorServicelmpl  RandomService  RandomService  UserService  UserServicelmpl
Utils	util  c EmailIsAlreadyExistException  smtp  I EmailUtil  c EmailUtilImpl  c FreemarkerMailsGeneratorImpl  I MailsGenerator

# Sequence diagram

## Sign Up

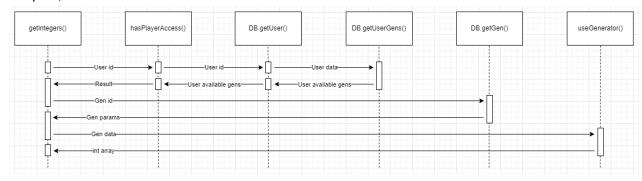


### **Show Profile**



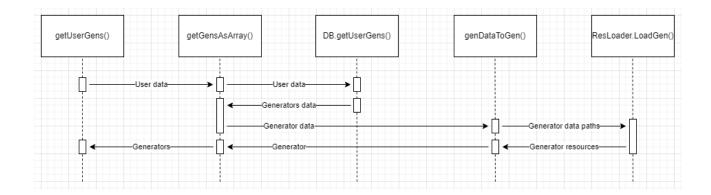
## **Get Integers**

Сокращение "Gen" = "Generator"



### **Get User Generators**

Сокращение "Gen" = "Generator"



### Get Random Generator

Сокращение "Gen" = "Generator" getIntegers() - диаграмма метода приведена выше

