

Model

User

- id: UUID
- username: String
- informations: UserInformations
- roles: List<Role>
- permissions: List<Boolean>
- projects: List<WorkProject>
- bookMarks: List<Page>
- active: boolean

+ User()

+ getId()
+ getUsername()
+ getInformations()
+ getRoles()
+ getPermissions()
+ getProjects()
+ getActive()

+ setId()
+ setUsername()
+ setInformations()
+ setRoles()
+ setPermissions()
+ setActive()
+ setProjects()

UserInformations

- name: String
- surname: String
- registrationDate: Date
- email: Mail

+ UserInformations()

+ getName()
+ getSurname()
+ getRegistrationDate()
+ getEmail()

+ setName()
+ setSurname()
+ setRegistrationDate()
+ setEmail()

DocumentMetadata

- title: String
- author: String
- description: String
- composingDate: Date
- composingPeriod: VagueDate
- preservationState: int
- tags: tag[]

+ DocumentMetadata()

+ addTag(Tag)
+ removeTag(Tag)

+ getTitle()
+ getAuthor()
+ getDescription()
+ getComposingDate()
+ getComposingPeriod()
+ getPreservationState()
+ getTags()

+ setTitle()
+ setAuthor()
+ setDescription()
+ setComposingDate()
+ setComposingPeriod()
+ setPreservationState()
+ setTags()

Document

- id: UUID
- metadata: Metadata
- PageList: List<Page>
- scanningWorkProject: scanningWorkProject
- transcriptionWorkProject: transcriptionWorkProject

+ Document()

+ getMetadata(): Metadata
+ getPageList(): List<Page>
+ getScanningWorkProject()
+ getTranscriptionWorkProject()

+ setMetadata(): boolean
+ setListaPagine(): boolean
+ setScanningWorkProject()
+ setTranscriptionWorkProject()

Page
<ul style="list-style-type: none"> - id: UUID - pageNumber: int - scan: PageScan - transcription: PageTranscription
+ Page()
+ getId()
+ getPageNumber()
+ getScan()
+ getTranscription()
+ setId()
+ setPageNumber()
+ setScan()
+ setTranscription()

PageTranscription
<ul style="list-style-type: none"> - text: TEIText - complete: boolean - revised: boolean - validated: boolean - staff: PageTranscriptionStaff
+ PageTranscription()
+ getText(): TEIText
+ getComplete()
+ getRevised()
+ getValidated()
+ getStaff()
+ setText()
+ setComplete()
+ setRevised()
+ setValidated()
+ setPersonnel()

PageTranscriptionStaff
<ul style="list-style-type: none"> - transcribers: List<User> - reviser: User
+ PageTranscriptionStaff()
+ getTranscribers()
+ getReviser()
+ setTranscribers()
+ setReviser()

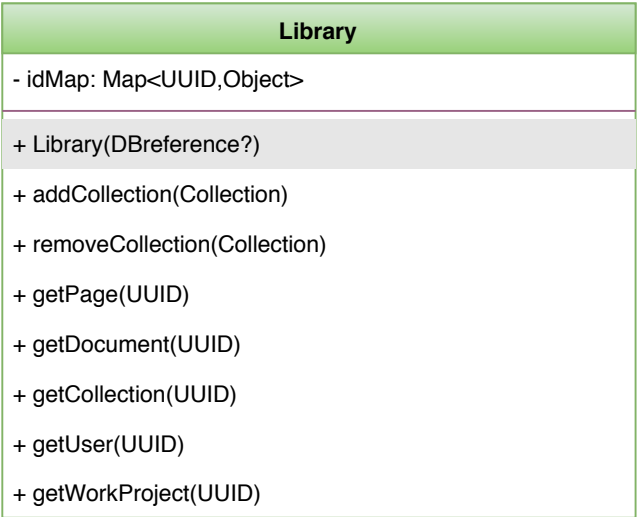
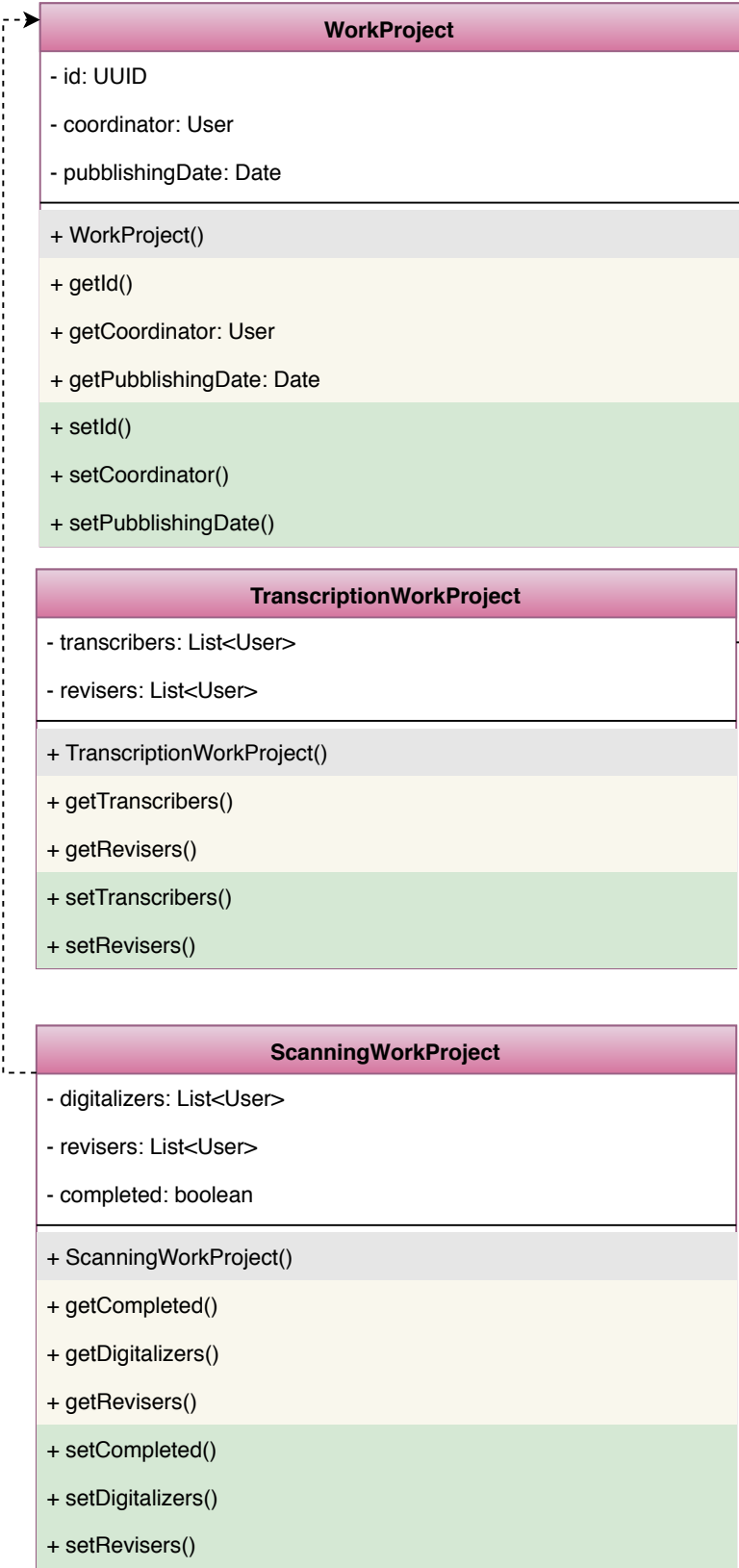
PageScan
<ul style="list-style-type: none"> - image: Image - validated: boolean - revised: boolean - staff: PageScanStaff
+ PageScan()
+ getImage()
+ getValidated()
+ getRevised()
+ getPersonnel()
+ setImage()
+ setValidated()
+ setRevised()
+ setStaff()

PageScanStaff
<ul style="list-style-type: none"> - digitalizer: User - reviser: User
+ PageScanStaff()
+ getDigitalizer()
+ getReviser()
+ setDigitalizer(User)
+ setReviser(User)

DocumentCollection
<ul style="list-style-type: none"> - id: UUID - name: String - documents: List<Documents>
+ Collection()
+ addDocuments(List<Document>)
+ removeDocuments(List<Document>)
+ getId()
+ getName()
+ getDocuments()
+ setId()
+ setName()
+ setDocuments()

<<Extends>>

<<Extends>>



View

LoginForm

- username: TextField
- password: TextField
- submit: Button

+ submit()

RegistrationForm

- name: TextField
- surname: TextField
- username: TextField
- password: TextField
- repeatPassword: TextField
- emailField: TextField
- repeatEmail: TextField
- submit: Button

+ submit()

HomePage

- infoPanel: Panel
- newsPanel: Panel
- myProjectsList: Panel
- myCollectionList: Panel
- libraryCollectionList: Panel
- collectionPanel: Panel

EditProfileForm

- username: TextField
- password: TextField
- repeatPassword: TextField
- emailField: TextField
- repeatEmail: TextField
- submit: Button

+ submit()

PageView

- metadati: Panel
- pageMiniatureList: Panel
- imagesViewer: Panel
- transcriptionsViewer: Panel
- hidePagesMiniature: Button
- hideImagesViewer: Button
- hideTranscriptionsViewer: Button
- pageMiniature: ImageButton
- reportProblem: Button
- addBookmark: Button
- download: Button
- pageNumber: TextField
- searchText: TextField
- pageScroll: ScrollBar

+ showMetadati()
+ close()
+ addBookMark()
+ downlodButton()
+ newReportProblem()
+ searchText(String)
+ scrollDown()
+ scrollUp()
+ selectPageMiniature()
+ changePageNumber()
+ hideTranscriptionsViewerPanel()
+ hideImagesViewerPanel()
+ hidePageMiniatureList()
+ open()

RoleRequestForm

- object: TextField
- text: TextField
- submit: Button

+ submit()

DocumentSearchForm

- keywords: textField
- submit: Button

+ submit()

DigitalizerPanel
- reordinablePageList: Panel
- uploadPageImage: Button
- saveDigitalization: Button
- undoDigitalization: Button
- completedDigitalization: Button
+ upload()
+ save()
+ close()
+ completeDigitalization()

DigitalizerRevisorPanel
- validation: Button
- reject: Button
- saveRevision: Button
- undoRevision: Button
+ upload()
+ save()
+ close()
+ completeDigitalization()

ScanningWorkProject
- digitalizersList: CheckList
- revisersList: CheckList
- submit: Button
+ submit()

ExternalTEITextEditor (?)
(?)
(?)

TrascriptionRevisorPanel
- validation: Button
- reject: Button
- saveRevision: Button
- undoRevision: Button
+ upload()
+ save()
+ close()
+ completeDigitalization()

RoleRequestAnswer
- answer: TextField
- submit: Button
+ submit()

EditUserRoles
- roles: CheckList
- submit: Button
+ submit()

PubblicationForm
- myCompletedProject: Select
- public: Button
+ public()

CreateEditDocument
- title: Textfield
- tags: TextField
- preservationState: TextField
- uploadPage: TextField
- composingPeriod: TextField
- composingDate: TextField
- description: TextField
- author: TextField
- public: Button
+ submit()

TranscriptionWorkProject
- transcriberList: CheckList
- revisersList: CheckList
- submit: Button
+ submit()

Controller

PageView

+ loadDocument()
+ downlodReadableDocument()

LoginController

+ login()

RegistrationController

+ register()

DocumentSearchController

+ searchDocument()

RoleRequestController

+ sendRequestForm()

ProfileController

+ loadProfile()
+ saveModify()

HomePageController

+ loadHomePage()

PageScanController

+ openWorkSession()
+ saveDigitalizerModify()
+ saveRevisorModify()
+ closeWorkSession()

TrascriptionRevisorPanel

+ openWorkSession()
+ closeWorkSession()
+ saveRevisorModify()
+ saveDigitalizerModify()

ScanningWorkProject

+ openWorkSession()
+ closeWorkSession()
+ saveModify()
+ submit()

TranscriptionWorkProject

+ submit()
+ openWorkSession()
+ submit()
+ saveModify()
+ closeWorkSession()

PubblicationController

+ publicProject()

CreateEditDocumentController

+ createDocument()
+ saveModify()

UserAuthenticationQuerySet

+ registration()
+ login()

RequestToAdminQuerySet

+ sendRequestToAdmin()
+ loadAllRequestsToAdmin()
+ undoRequestToAdmin()

EditProfileQuerySet

+ loadUserProfile()
+ uploadUserProfile()
+ deleteUserProfile()

HomePageQuerySet

+ LoadNews()
+ LoadMyProjectsList()
+ LoadMyCollectionList()
+ LoadLibraryCollectionList()
+ LoadCollection()
+ LoadHomeInfo()

PageViewQuerySet

+ loadOpera()
+ loadBookmarksOpera()
+ updateBookmarksOpera()

SearchQuerySet

+ searchMatches()

UploaderSessionQuerySet

+ startWorkSession()
+ closeWorkSession()

DigitalizerQuerySet

+ loadOpera()
+ uplodPagine()

RevisoDigitalizationQuerySet

+ validated()
+ revised()

TranscriberSessionQuerySet

+ startWorkSession()
+ closeWorkSession()

TranscriberQuerySet

+ loadTranscription()
+ updateText()

TranscriptionRevisorQuerySet

+ completed()
+ validated()
+ revised()

AdministratoQuerySet

+ acceptUserRegistration()
+ updateUserRoles()
+ loadRequestsList()
+ loadRequest()
+ answerRequest()

DocumentQuerySet

+ insert()
+ loadOpera()
+ updateOpera()
+ delete()
+ downloadFileOpera()

DigitalizerProjectQuerySet

+ insertDigitalizationProject()
+ loadDigitalizzationProject()
+ uploadDigitalizationProject()
+ deleteDigitalizzationProject()

TranscriberProjectQuerySet

+ insertTranscriberProject()
+ loadTranscriberProject()
+ uploadDigitalizzationProject()
+ deleteDigitalizzazionProject()

