

Model

User

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

+ User()

+ getId()

+ getUsername()

+ getInformations()

+ getRoles()

+ getPermissions()

+ getProjects()

+ getActive()

+ setId()

+ setUsername()

+ setInformations()

+ setRoles()

+ setPermissions()

+ setActive()

+ setProjects()

Document

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

+ Document()

+ getMetadata(): Metadata

+ getPageList(): List<Page>

+ getScanningWorkProject()

+ getTranscriptionWorkProject()

+ setMetadata(): boolean

+ setListaPagine(): boolean

+ setScanningWorkProject()

+ setTranscriptionWorkProject()

PageTranscription

- text: TEIText
- complete: boolean
- revised: boolean
- validated: boolean
- staff: PageTranscriptionStaff

+ PageTranscription()

+ getText(): TEIText

+ getComplete()

+ getRevised()

+ getValidated()

+ getStaff()

+ setText()

+ setComplete()

+ setRevised()

+ setValidated()

+ setPersonnel()

Page
- id: UUID - session: SessionDataHandler - pageNumber: int - scan: PageScan - transcription: PageTranscription
+ Page()
+ getId()
+ getPageNumber()
+ getScan()
+ getTranscription()
+ setId()
+ setPageNumber()
+ setScan()
+ setTranscription()

DocumentCollection
- id: UUID - session: SessionDataHandler - name: String - documents: List<UUID>
+ Collection()
+ addDocuments(List<Document>)
+ removeDocuments(List<Document>)
+ getId()
+ getName()
+ getDocuments()
+ setId()
+ setName()
+ setDocuments()

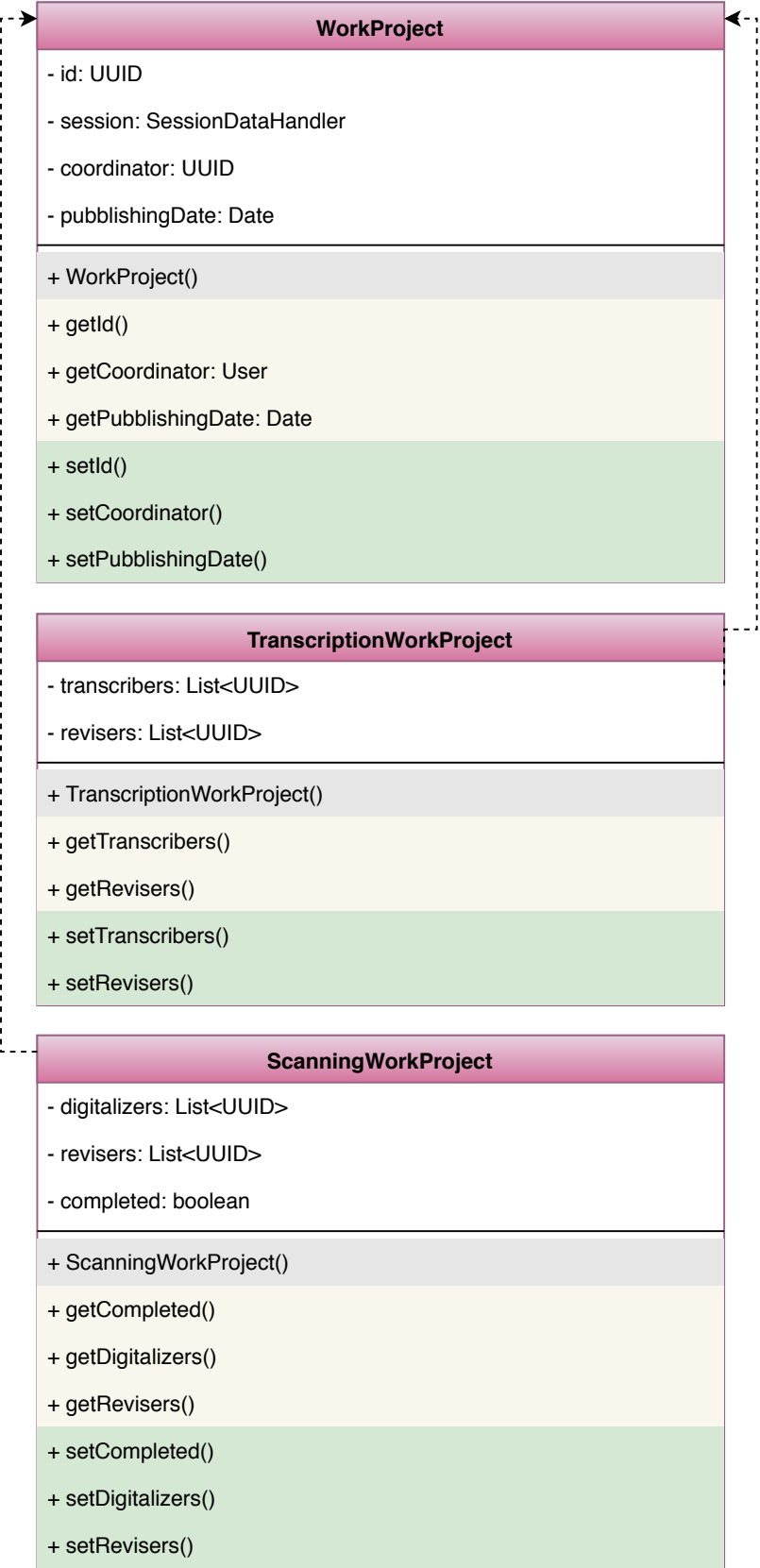
PageScanStaff
- digitalizer: UUID - reviser: UUID
+ PageScanStaff()
+ getDigitalizer()
+ getReviser()
+ setDigitalizer(User)
+ setReviser(User)

PageScan
- image: Image - validated: boolean - revised: boolean - staff: PageScanStaff
+ PageScan()
+ getImage()
+ getValidated()
+ getRevised()
+ getPersonnel()
+ setImage()
+ setValidated()
+ setRevised()
+ setStaff()

PageTranscriptionStaff
- transcribers: List<UUID> - reviser: UUID
+ PageTranscriptionStaff()
+ getTranscribers()
+ getReviser()
+ setTranscribers()
+ setReviser()

<<Extends>>

<<Extends>>



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()

ExternalTEITextEditor (?)

(?)

(?)

TrascriptionRevisorPanel

+ completeDigitalization()

- validation: Button

- reject: Button

- saveRevision: Button

- undoRevision: Button

+ upload()

+ save()

+ close()

RoleRequestAnswer

- answer: TextField

- submit: Button

+ submit()

EditUserRoles

- roles: CheckList

- submit: Button

+ submit()

ScanningWorkProject

- digitalizersList: CheckList

- revisersList: CheckList

- submit: Button

+ submit()

PublicationForm

- 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()

SessionDataHandler

- idMap: static HashMap<UUID,Object>

+ Library(DBreference?)
+ addCollection(Collection)
+ removeCollection(Collection)
+ getPage(UUID)
+ getDocument(UUID)
+ getCollection(UUID)
+ getUser(UUID)
+ getWorkProject(UUID)

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()
+ updateUserProfile()
+ deleteUserProfile()

HomePageQuerySet

+ loadNews()
+ loadMyProjectsList()
+ loadMyCollectionList()
+ loadLibraryCollectionList()
+ loadCollection()
+ loadHomeInfo()

PageViewQuerySet

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

SearchQuerySet

+ searchMatches()

WorkSessionQuerySet

+ startWorkSession()
+ closeWorkSession()

DigitalizerQuerySet

+ loadOpera()
+ uplodPagine()

RevisoDigitalizationQuerySet

+ validated()
+ revised()

TranscriberQuerySet

+ loadTranscription()
+ updateText()

TranscriptionRevisorQuerySet

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

AdministratoQuerySet

+ acceptUserRegistration()

+ updateUserRoles()

+ loadRequestsList()

+ loadRequest()

+ answerRequest()

DocumentQuerySet

+ insertDocument()

+ loadDocument()

+ updateDocument()

+ deleteDocument()

+ downloadFileDocument()

ScanningWorkProjectQuerySet

+ insertScanningWorkProject()

+ loadScanningWorkProject()

+ updateScanningWorkProject()

+ deleteScanningWorkProject()

TranscriberWorkProjectQuerySet

+ insertTranscriberWorkProject()

+ loadTranscriberWorkProject()

+ updateTranscriberWorkProject()

+ deleteTranscriberWorkProject()

TEIText

- text: String

Role

id: int

name: String

Tag

nome: String

VagueDate

...



<<Extends>>

Date

...

Bookmark

...

Mail

...

Image

...

UUID

value: Int

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()