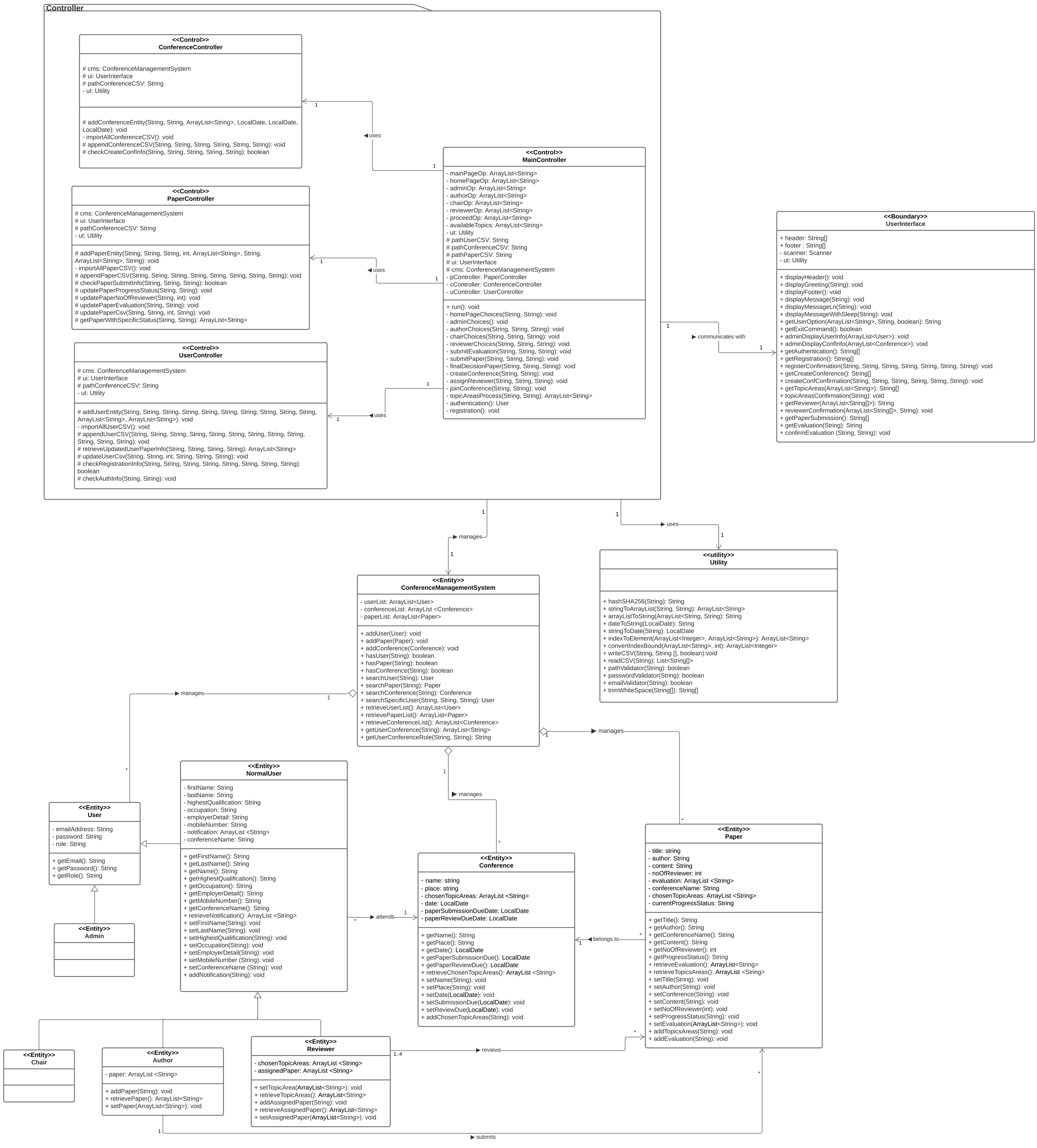
Controller
<<Control>>
ConferenceController
cms: ConferenceManagementSystem
ui: UserInterface
pathConferenceCSV: String
- ut: Utility
addConferenceEntity(String, String, ArrayList<String>, LocalDate, LocalDate, LocalDate): void
- importAllConferenceCSV(): void
appendConferenceCSV(String, String, String, String, String, String): void
checkCreateConfInfo(String, String, String, String, String): boolean
<<Control>>
PaperController
cms: ConferenceManagementSystem
ui: UserInterface
pathConferenceCSV: String
- ut: Utility
addPaperEntity(String, String, String, int, ArrayList<String>, String, ArrayList<String>, String): void
- importAllPaperCSV(): void
appendPaperCSV(String, String, String, String, String, String, String, String): void
checkPaperSubmitInfo(String, String, String): boolean
updatePaperProgressStatus(String, String): void
updatePaperNoOfReviewer(String, int): void
updatePaperEvaluation(String, String): void
updatePaperCsv(String, String, int, String): void
getPaperWithSpecificStatus(String, String): ArrayList<String>
<<Control>>
UserController
cms: ConferenceManagementSystem
ui: UserInterface
pathConferenceCSV: String
- ut: Utility
addUserEntity(String, String, String, String, String, String, String, String, String, String, ArrayList<String>, ArrayList<String>): void
- importAllUserCSV(): void
appendUserCSV(String, String, String, String, String, String, String, String, String, String, String, String): void
retrieveUpdatedUserPaperInfo(String, String, String, String): ArrayList<String>
updateUserCsv(String, String, int, String, String, String): void
checkRegistrationInfo(String, String, String, String, String, String, String, String): boolean
checkAuthInfo(String, String): void
uses
uses
uses
<<Control>>
MainController
- mainPageOp: ArrayList<String>
- homePageOp: ArrayList<String>
- adminOp: ArrayList<String>
- authorOp: ArrayList<String>
- chairOp: ArrayList<String>
- reviewerOp: ArrayList<String>
- proceedOp: ArrayList<String>
- availableTopics: ArrayList<String>
- ut: Utility
pathUserCSV: String
pathConferenceCSV: String
pathPaperCSV: String
ui: UserInterface
cms: ConferenceManagementSystem
- pController: PaperController
- cController: ConferenceController
- uController: UserController
+ run(): void
- homePageChoices(String, String): void
- adminChoices(): void
- authorChoices(String, String, String): void
- chairChoices(String, String, String): void
- reviewerChoices(String, String, String): void
- submitEvaluation(String, String, String): void
- submitPaper(String, String, String): void
- finalDecisionPaper(String, String, String): void
- createConference(String, String): void
- assignReviewer(String, String, String): void
- joinConference(String, String): void
- topicAreasProcess(String, String): ArrayList<String>
- authentication(): User
- registration(): void
communicates with
<<Boundary>>
UserInterface
+ header: String[]
+ footer : String[]
- scanner: Scanner
- ut: Utility
+ displayHeader(): void
+ displayGreeting(String): void
+ displayFooter(): void
+ displayMessage(String): void
+ displayMessageLn(String): void
+ displayMessageWithSleep(String): void
+ getUserOption(ArrayList<String>, String, boolean): String
+ getExitCommand(): boolean
+ adminDisplayUserInfo(ArrayList<User>): void
+ adminDisplayConfInfo(ArrayList<Conference>): void
+ getAuthentication(): String[]
+ getRegistration(): String[]
+ registerConfirmation(String, String, String, String, String, String, String): void
+ getCreateConference(): String[]
+ createConfConfirmation(String, String, String, String, String, String): void
+ getTopicAreas(ArrayList<String>): String[]
+ topicAreasConfirmation(String): void
+ getReviewer(ArrayList<String[]>): String
+ reviewerConfirmation(ArrayList<String[]>, String): void
+ getPaperSubmission(): String[]
+ getEvaluation(String): String
+ confirmEvaluation (String, String): void
manages
uses
<<utility>>
Utility
+ hashSHA256(String): String
+ stringToArrayList(String, String): ArrayList<String>
+ arrayListToString(ArrayList<String, String): String
+ dateToString(LocalDate): String
+ stringToDate(String): LocalDate
+ indexToElement(ArrayList<Integer>, ArrayList<String>): ArrayList<String>
+ convertIndexBound(ArrayList<String>, int): ArrayList<Integer>
+ writeCSV(String, String [], boolean):void
+ readCSV(String): List<String[]>
+ pathValidator(String): boolean
+ passwordValidator(String): boolean
+ emailValidator(String): boolean
+ trimWhiteSpace(String[]): String[]
<<Entity>>
ConferenceManagementSystem
- userList: ArrayList<User>
- conferenceList: ArrayList <Conference>
- paperList: ArrayList<Paper>
+ addUser(User): void
+ addPaper(Paper): void
+ addConference(Conference): void
+ hasUser(String): boolean
+ hasPaper(String): boolean
+ hasConference(String): boolean
+ searchUser(String): User
+ searchPaper(String): Paper
+ searchConference(String): Conference
+ searchSpecificUser(String, String, String): User
+ retrieveUserList(): ArrayList<User>
+ retrievePaperList(): ArrayList<Paper>
+ retrieveConferenceList(): ArrayList<Conference>
+ getUserConference(String): ArrayList<String>
+ getUserConferenceRole(String, String): String
manages
manages
manages
<<Entity>>
User
- emailAddress: String
- password: String
- role: String
+ getEmail(): String
+ getPassword(): String
+ getRole(): String
<<Entity>>
Admin
<<Entity>>
NormalUser
- firstName: String
- lastName: String
- highestQualification: String
- occupation: String
- employerDetail: String
- mobileNumber: String
- notification: ArrayList <String>
- conferenceName: String
+ getFirstName(): String
+ getLastName(): String
+ getName(): String
+ getHighestQualification(): String
+ getOccupation(): String
+ getEmployerDetail(): String
+ getMobileNumber(): String
+ getConferenceName(): String
+ retrieveNotification(): ArrayList <String>
+ setFirstName(String): void
+ setLastName(String): void
+ setHighestQualification(String): void
+ setOccupation(String): void
+ setEmployerDetail(String): void
+ setMobileNumber (String): void
+ setConferenceName (String): void
+ addNotification(String): void
attends
<<Entity>>
Conference
- name: string
- place: string
- chosenTopicAreas: ArrayList <String>
- date: LocalDate
- paperSubmissionDueDate: LocalDate
- paperReviewDueDate: LocalDate
+ getName(): String
+ getPlace(): String
+ getDate(): LocalDate
+ getPaperSubmissionDue(): LocalDate
+ getPaperReviewDue(): LocalDate
+ retrieveChosenTopicAreas(): ArrayList <String>
+ setName(String): void
+ setPlace(String): void
+ setDate(LocalDate): void
+ setSubmissionDue(LocalDate): void
+ setReviewDue(LocalDate): void
+ addChosenTopicAreas(String): void
belongs to
<<Entity>>
Paper
- title: string
- author: String
- content: String
- noOfReviewer: int
- evaluation: ArrayList <String>
- conferenceName: String
- chosenTopicAreas: ArrayList <String>
- currentProgressStatus: String
+ getTitle(): String
+ getAuthor(): String
+ getConferenceName(): String
+ getContent(): String
+ getNoOfReviewer(): int
+ getProgressStatus(): String
+ retrieveEvaluation(): ArrayList<String>
+ retrieveTopicsAreas(): ArrayList <String>
+ setTitle(String): void
+ setAuthor(String): void
+ setConference(String): void
+ setContent(String): void
+ setNoOfReviewer(int): void
+ setProgressStatus(String): void
+ setEvaluation(ArrayList<String>): void
+ addTopicsAreas(String): void
+ addEvaluation(String): void
<<Entity>>
Chair
<<Entity>>
Author
- paper: ArrayList <String>
+ addPaper(String): void
+ retrievePaper(): ArrayList<String>
+ setPaper(ArrayList<String>): void
<<Entity>>
Reviewer
- chosenTopicAreas: ArrayList <String>
- assignedPaper: ArrayList <String>
+ setTopicArea(ArrayList<String>): void
+ retrieveTopicAreas(): ArrayList<String>
+ addAssignedPaper(String): void
+ retrieveAssignedPaper(): ArrayList<String>
+ setAssignedPaper(ArrayList<String>): void
reviews
submits