

Entity>> ²dfFile

<<Entity>> QuizData Questions

studentAnswers correctAnswers score

getQuestions() getCorrectAnswer() saveQuizQuestions()

saveResult() saveProgress() getProgress()



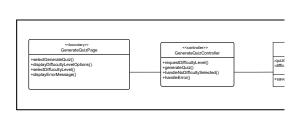


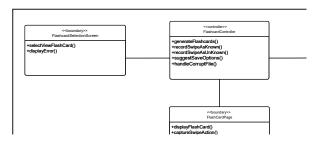












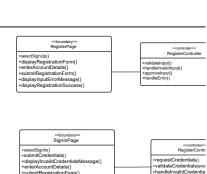
<<Entity>> Quiz Questions sultyLevel eQuizQuestions()

<<Entity>>
FlashCardData
-FlashCardQuestions
-FlashCardAnswers

+ StoreFlashcards()

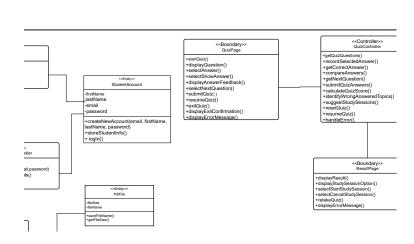






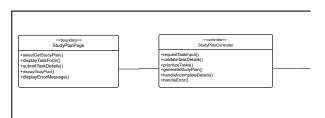


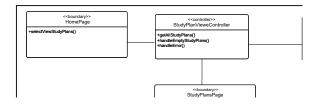
+retrySignIn() +handleAccountLock()



< <entity>> QuizData</entity>	
-Questions -studentAnswers -correctAnswers -score	
-getQuestions() +getCorrectAnswer() +saveQuizQuestions() +saveResult() +saveProgress() +getProgress()	

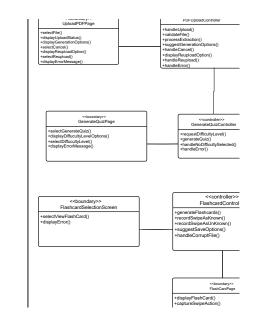
+displaySaveOption() +selectSaveFlashcards() +selectDiscardFlashcards() +displayErrorMessage()

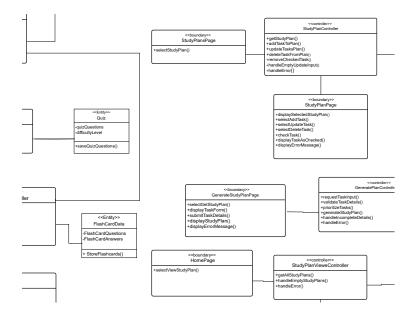


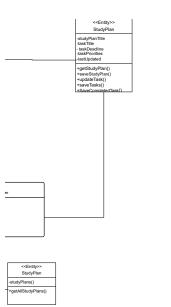


< <entity>> StudyPlan</entity>
-studyPlanTitle -taskTitle -taskDeadline -taskPriorities
agetStudyPlan() +saveStudyPlan() +saveTasks() +getTaskDetails()

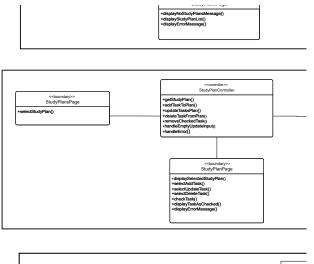
<<Entity>> StudyPlan -studyPlans() +getAllStudyPlans()











<<controller>>

ProgressController

+getProgressData()

-quizResults

- completedTi

-completedS

<<body><<body>

ProgressPage

+selectTrackProgress()

+dienlauPrograceData()

+getStudyPlan() +getTaskDetails() +updateTask() +saveTask() +removeTask

<<Entity>> ProgressData

asks essions

 <<controller>
RegisterController

+validateInput()
+handleInvalidInput()
+handleError()

**doundary>*
SigninPage

**solectSignin()

*submit(Credenials()

*stiphit(Credenials()

**display/invalid(CredenialsMessage()

**requestCredenials()

**requestCredenials()

**reductor()

**validateController

*reductor()

**validateController

*reductor()

**validateController

*reductor()

**validateController

*reductor()

**validateController

*reductor()

**validateController

*reductor()

**handlelnvalid(Credenials()

**reductor()

**reductor()

**handlelnvalid()

**handlelnvali

sterapo StudentAccount -firstName -jastName -email -password +crealenNewAccount(email, firstName, jastName, password) +storeStudentInfo()

	< <entity>></entity>
	StudentAccount
-email -password	
+logIn()	
	-password

+displaySaveOption()
+selectSaveFlashcards()
+selectDiscardFlashcards()
+displayErrorMessage()

<<bud><



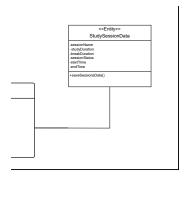
+endSession()

+displayTimerStatus() +displayStudyEndNotification() +displayBreakEndNotification()

+displayErrorMessage()

<cloundary>> ShufyFlanePage +dispayNcSturyFundesage() +dispaySturyFund-tat) +displayErorMessage() +displayErorMessage()
<controder> ShufyGessionController

+infalzeSessionName()
+infalzeSessionName()
+infalzeSession()
+infalzeSession()
+infalzeSession()
+updateStup/bustion()
+pauseSession()
+pauseSession()
+remmeSession()
+remmeSession()
+roll(FindOStup/Session()
+notificFindOStup/Session()
+notificFindOStup/Session()
+notificFindOStup/Session()
+notificFindOStup/Session()
+notificFindOStup/Session()
+notificFindOStup/Session()
+notificFindOStup/Session()
+notificFindOStup/Session()



+displayProgressData() +showErrorMessage()	+calculateDailyProgress()	-lastUpdated
+showNoProgressMessage()	+handleNoProgressData() +handleError()	+getQuizRes +getComplet +getComplet +saveErocre

< studySessionPage	<controller>> StudySessionController</controller>	Г
**selectSutrSessor() **deplaySussor() **chapta(Sessor() **chapta(Sessor() **chapta(Sessor() **chapta(Sessor() **staffmer() **staffmer() **staffmer() **staffmer() **endSessor() **endSessor() **endSessor() **deplaySussor() **depl	estatisticeSessionName() estatisticeSession()	-505 -5111 -512 -525 -541 -6116 +527 +527 +527

sults() ledTasks() ledSessions()

<<Entity>>

StudySessionData

ame

ation atus

ionsData() onDetails() <<box>

SignInPage

+selectSignIn() +submitCredentials()

+displayInvalidCredentialsMessage()

+enterAccountDetails() +submitRegistrationForm()

+displayInputErrorMessage() +displayRegistrationSuccess()

<<box><box
dary>>
RegisterPage

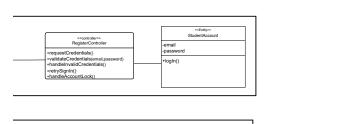
+selectSignUp()

+displayRegistrationForm() +enterAccountDetails()

+submitRegistrationForm()

+displayInputErrorMessage()

+displayRegistrationSuccess()



-firstName -lastName

-email -password

<controller>>
RegisterController

+validateInput() +handleInvalidInput()

+approveInput() +handleError() <<Entity>>
StudentAccount

+createNewAccount(email, firstName, lastName, password) +storeStudentInfo()









< <boundary>></boundary>	< <controller>></controller>
ChatPage	ChatController
+startChat() +displayWelcomeMessage() +displayWelcomeMessage() +receiveResponse() +displayChatHistory() +endChatSession() +displayErrorMessage()	+initiateChatSession() +handleUserQuery() +endChatSession() +handleSessionTimeout() +handleError()

4

i

<Entity>>
ChatSession
messages
startTime
endTime
rsaveUserMessage()
rsaveChatbotResponse()











