



Team: 2 member

Team Members:

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Team Contact:

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Project Description:

The application is intended to be a personal guide to organize daily activities like prayers, exercises, personal information, reading list etc.

The application enables users to:

- Add & update personal information.
- Add & remove books from reading list.
- Schedule exercises.
- Manage & schedule activities.

Technologies used:

- Database: MySQL
- UI: JavaFX
- IDE: IntelliJ
- SVC: Git



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Module Name	Input Parameters	Output (Return) of the module	Description*	Team member**
connectDB		Connection connection	Outputs: Connection connection	Abdullah Zahra
calculateNextExerciseDate		LocalDate	Outputs: LocalDate	Salah Alrefaei
setLastExerciseDate	String lastExerciseDate		Inputs: String lastExerciseDate	Salah Alrefaei
getExerciseName		String exerciseName	Output: String exerciseName	Salah Alrefaei
setExerciseName	String exerciseName		Inputs: String exerciseName	Salah Alrefaei
getLastExerciseDate		LocalDate lastExerciseDate	Output: LocalDate lastExerciseDate	Salah Alrefaei
prompt start	Stage stage		Input: Stage stage	Salah Alrefaei
onPersonalInformationButtonClick				Abdullah Zahra
onReadingListButtonOnClick				Abdullah Zahra
onExerciseSchedulerButtonClick				Abdullah Zahra
onActivityButtonOnClick				Abdullah Zahra
onGetInfoButtonOnClick		String firstName, lastName, email, birthdate, bloodType	Output: String firstName, lastName, email, birthdate, bloodType	Abdullah Zahra
connect				Abdullah Zahra

updatePersonalInformation	int id, String firstName, String lastName, String email, String birthdate, String bloodType		Input: int id, String firstName, String lastName, String email, String birthdate, String bloodType	Abdullah Zahra
onUpdateInfoButtonClick				Abdullah Zahra
addBook	String bookName	String bookName	Input: String bookName Output: bool	Abdullah Zahra
getAllBookTitles		List<String>	Output: List<String>	Abdullah Zahra
initialize	URL url, ResourceBundle resourceBundle		Input: URL url, ResourceBundle resourceBundle	Abdullah Zahra
onAddBookButton Click				Abdullah Zahra
deleteBookByName	String bookName	boolean	Input: String bookName Output: boolean	Abdullah Zahra
onDeleteBookButtonClicked				Abdullah Zahra
openNewWindow	String resource		Input: String resource	Abdullah Zahra
Activity	String name, LocalDate date, String description		Input: String name, LocalDate date, String description	Salah Alrefaee
displayDetails				Salah Alrefaee
toString		String	Output: String	Salah Alrefaee
Task	String name, LocalDate date, int priority, String status, String description		Input: String name, LocalDate date, int priority, String status, String description	Salah Alrefaee
displayDetails				Salah Alrefaee
Event	String name, LocalDate date, String location, String description		Input: String name, LocalDate date, String location, String description	Salah Alrefaee
displayDetails				Salah Alrefaee
Reminder	String name, LocalDate date, LocalTime time, String description		Input: String name, LocalDate date, LocalTime time, String description	Salah Alrefaee
ActivityManager				Salah Alrefaee
addActivity				Salah Alrefaee
viewActivities				Salah Alrefaee
prompt				Salah Alrefaee
addTask	Scanner scanner, ActivityManager activityManager		Input: Scanner scanner, ActivityManager activityManager	Salah Alrefaee

addEvent	Scanner scanner, ActivityManager activityManager		Input: Scanner scanner, ActivityManager activityManager	Salah Alrefaee
addReminder	Scanner scanner, ActivityManager activityManager		Input: Scanner scanner, ActivityManager activityManager	Salah Alrefaee
viewActivities				Salah Alrefaee

UML Diagram

