- stopCheck(int end): void + account(int ID, String name, String timezone, String events): Account + addEvents + start(int hours, int minutes, int seconds): void + consoleMainMenu(): void + isAvailated + topology + topol		Main							
Allering Marin Part		- prompt: ConsolePrompt							
Marring Mean		- conn: DatabaseConn		↓					
		+ Main(): Main		ConsolePrompt			Account		
### Industry Science Industry				- conn: DatabaseConn			- ID: int	- eventL	
- Seconda-Prospect Static Inf] 1	- input: Scanner			- name: String	+ AllEve	
**** ***** *********************		MyTimer	←	- userAccount: Account			- timeZone: TimeZone	+ AllEve	
+ conside/fromp(DatabaseCom); Console/Prompt + Account/Siming names/, Account + Account/Siming names/, Account + Account/Siming names/, Account + Account/Siming names/, String preazone); Account + account/Siming names/, Account + account/Siming names/, String preazone); Account + account/Siming names/, String preazone); Account + account/Siming names/, String preazone, String preatone); Account + account/Siming names/, Account + account/Siming names/, Account + account/Siming names/, String preazone, String preatone); Account + account/Siming names/, String preadons); Account + account/Siming names/, String preadons); Account + account/Siming names/, String preadons); Account + account/Siming names/, Account	- secondsPassed: static int			- DaysofWeek: final String[]			- allEvents: AllEvents	l + getEve	
### ##################################	- timeInSeconds: int			+ ConsolePrompt(DatabaseConn): ConsolePrompt			+ Account(String name): Account	+ getEve	
+ start(int hours, int minutes, int seconds); vaid + console/five/file/count to Copy); Account + console/file/file/count, void + console/file/file/count, void - changeAccount/file/count; void - changeAccount/file/count, void - changeAccount/file/count, void - changeAccount/file/count, void - changeAccount/file/count - comelor, void - changeAccount/file/count - viewRotile/cy void - cartifrieer() void - connection() connection - connection() co	+ run(): void			+ start(): void			+ Account(String name, String timezone): Account	+ getEve	
+ cancel(); void	- stopCheck(int end): void			+ accountLogin(): void			+ Account(int ID, String name, String timezone, String events): Account	+ addEv	
- changeAccountFassvord(); void - changeAccountFassvord(); void - changeAccountTacOne(); void -	+ start(int hours, int minutes, int seconds): void			+ consoleMainMenu(): void			+ Account(Account toCopy): Account	+ isAvail	
- currHour; int - currHour; in	+ cancel(): void			+ consoleProfileMenu(): void			+ getName(): String	+ getEve	
- changeAccountTimeZone(): void - viewProfile(): void - viewProfile(): void - viewProfile(): void - viewProfile(): void - viewCalendar(): void - viewCalendar(): void - viewCalendar(): void - startTimer(): void - startTimer(): void - start(): void - alarmMore; String - alarmMore; String - alarmMore; String - alarmMore; String - ventCMDTomplate(ArrayList-Events vents): int - alarmMore; String - ventCMDTomplate(ArrayList-Events): void - ventCMDTomplat				- changeAccountPassword(): void			+ getTimeZone(): String	+ getEve	
- viewCalendar(): void - viewChloTemplate(ArrayList-Event> events): int - currblur: fitr - currblur: fitr - currblur: String - alammMor; String - alammMor; String - hasStarted: boolean - in allEvents(): void - createEvent(): void - checkAlamn(): void - start(int h, int m, String ms): void - validCMDLoop(String (): short - validCMDLoop(String (): short - isValidTimeZone(String stingTZ): boolean - viewProfile(): void - validCMDLoop(String fitr): boolean - viewProfile(): void - validCMDLoop(String fitr): boolean - validCMDLoop(String stingTZ): boolean - validCMDLoop(String assos): boolean - validCMDLoop(String int): void -				- changeAccountName(): void			+ setName(String name): void	+ getEve	
+ consoleCothersMenu(); void - viewCalendar(); void - viewCalendar(); void - viewCalendar(); void - startTime(); void - startTime(); void - startTime(); void - timerErrorHandle(); void - currHour. int - currMin; String - alarmHour. int - alarmMin; int - alarmMsg; String - alarmAg; String - alarmAg; String - alarmAg; String - alarmMsg; String - alarmMsg; String - cevent(MDTemplate(ArrrayList-Event> events); int - alarmMsg; String - createEvent(); void - star(int in, int in, String ms); void - createEvent(); void - checkAlarm(); void - checkAlarm(); void - star(int in, int in, String ms); void - star(int in, in,				- changeAccountTimeZone(): void			+ setTimeZone(String timeZone): void	+ remov	
- viewCalendar(): void - curri-tour: int - curri-tour: int - curri-tour: int - alarmMin: int - alarmMsg: String - alarmEvents(): void - event(MDTemplate(ArrayList-Event> events): int - alarmMsg: String - hasStartd: boolean - trun(): void - checkAlarm(): void - checkAlarm(): void - checkAlarm(): void - start(int h, int m, String ms): void - start(int h, int m, String ms): void - start(int h, int m, String ms): void - setUserAccount(Account): void - shasPass(String accName, String newStr, String newStr, String newpass): boolean - shadevent(Event toAdd): void - loadEvents(S): AllEvents - hashPass(String password): ArrayList-byte[] verrifyHash(String gassword, byte[] givenSalt): byte[]				- viewProfile(): void			+ setID(int ID): void		
- startTimer(): void - currHour: int - currHour: String - alarmMort: int - alarmMort: int - alarmMort: out - blatabaseConn				+ consoleOthersMenu(): void			+ getID(int ID): int		
- timerErrorHandle(): void - currHour: int - currMin: String - alarmHour: int - alarmMin: int - alarmMsg: String - through a console EventMenu(): void - eventCMDTemplate(ArrrayList-Event> events): int - alarmMsg: String - teventVew(): void - eventVew(): void - eventVew(): void - through a connection: Connection: - connection: Connection: Connection: - connection: Conn				- viewCalendar(): void			+ getAllEvents(): AllEvents		
+ consoleEventMenu(): void - currMin: String - alarmHour: int - alarmMin: int - alarmMsg: String - hasStarted: boolean + run(): void - checkAlarm(): void + start((int h, int m, String ms): void + sencel(): void -				- startTimer(): void			+ setAllEvents(AllEvents allEvents): void		
- currMin: String - alarmHour; int - alarmMin: int - alarmMsg: String - beventView(): void - ceventView(): void - chasStarted: boolean - trun(): void - checkAlarm(): void - chec		Alarm		- timerErrorHandle(): void					
- alarmHour: int - alarmMour: int - alarmMin: int - alarmMin: int - alarmMsg: String - cevent/SMDTemplate(ArrrayList <evenb +="" -="" []):="" alarmmsg:="" allevents="" arraylist-byte[]="" boolean="" cancel():="" cevent="" checkalarm():="" events):="" h,="" hashpass(string="" int="" m,="" ms):="" ofuser):="" password):="" short="" start(int="" stingtz):="" string="" sw():="" validcmdloop(string="" validevents(account="" void=""> - verifyHash(String givenPassword, byte[] givenSalt): byte[]</evenb>	- currHour: int			+ consoleEventMenu(): void					
- alarmMin: int - alarmMg: String - alarmMg: String - alarmMg: String - eventView(): void - hasStarted: boolean - run(): void - checkAlarm(): void - checkAlarm(): void - start(int h, int m, String ms): void + cancel(): void - cancel(): void - validCMDLoop(String[]): short - isValidTimeZone(String stingTZ): boolean - validCMDLoop(String gassys): boolean - start(Event(): void - validCMDLoop(String gassys): boolean - start(Event(): void - validCMDLoop(String gassys): boolean - start(Event toAdd): void - validCMDLoop(String stingTZ): boolean - start(Event toAdd): void - validCvents(Account): v	- currMin: String			- upcomingEvents(): void		,			
- alarmMsg: String - hasStarted: boolean - hasStarted: boolean - run(): void - checkAlarm(): void - checkAlarm(): void + start(int h, int m, String ms): void + cancel(): void - cancel(): void - validCMDLoop(String 1): short - isValidTimeZone(String stingTZ): boolean - isvalidTimeZone(String password): ArrayList-opte[]> - eventView(): void - checkAlarm(): void - logout(): void - checkAlarm(): void - printCalendar(LocalDateTime): void - printCalendar(LocalDateTime): void - setUserAccount(Account): void - validCMDLoop(String[]): short - validCMDLoop(String[]): short - isValidTimeZone(String stingTZ): boolean - isValidTimeZone(String stingTZ	- alarmHour: int		- eventCMDTemplate(ArrrayList <event> events): int</event>		- connection: Connection				
- createEvent(): void	- alarmMin: int			- allEvents(): void			+ DatabaseConn(): DatabaseConn		
- logout(): void - checkAlarm(): void - start(int h, int m, String ms): void + cancel(): void - printCalendar(LocalDateTime): void - setUserAccount(Account): void - validCMDLoop(String []): short - isValidTimeZone(String stingTZ): boolean - isValidTimeZone(String stingTZ): boolean - cancel(): void - validEvent(Event toAdd): void - cancel(): void - validEvent(Event toAdd): void - cancel(): void - validCMDLoop(String stingTZ): boolean - isValidTimeZone(String stingTZ): boolean - cancel(): void -	- alarmMsg: String			- eventView(): void			+ connected(): boolean		
+ daccount(SignUp(): void + start(int h, int m, String ms): void + cancel(): void + changeUser(String accName, String newStr, String field): boolean + changeUser(String accName, String oldPass, String newpass): boolean + addEvent((Event toAdd): void + loadEvents((Account ofUser): AllEvents - hashPass(String password): ArrayList - verifyHash(String givenPassword, byte[]] ivenSalt): byte[]	- hasStarted: boolean		- createEvent(): void		+ getMySqlConnection(): Connection				
- checkAlarm(): void + start(int h, int m, String ms): void + start(int h, int m, String ms): void + cancel(): void - printCalendar(LocalDateTime): void + setUserAccount(Account): void - validCMDLoop(String[]): short - isValidTimeZone(String stingTZ): boolean - checkAlarm(): void - printCalendar(LocalDateTime): void - setUserAccount(Account): void - validCMDLoop(String[]): short - isValidTimeZone(String stingTZ): boolean - changeUser(String accName, String newStr, String field): boolean - changeUser(String accName, String oldPass, String newpass): boolean - addEvent(Event toAdd): void - loadEvents(Account ofUser): AllEvents - hashPass(String password): ArrayList<-byte[]> - verifyHash(String givenPassword, byte[] givenSalt): byte[]	+ run(): void			- logout(): void			- insertInDB(PreparedStatement update): int		
+ start(int h, int m, String ms): void + cancel(): void - printCalendar(LocalDateTime): void + setUserAccount(Account): void - validCMDLoop(String[]): short - isValidTimeZone(String stingTZ): boolean - validCMDLoop(String stingTZ): boolean - walidCMDLoop(String stingTZ): boolean		: void		+ accountSignUp(): void			- queryFromDB(PreparedStatement query): ResultSet		
+ setUserAccount(Account): void - validCMDLoop(String[]): short - isValidTimeZone(String stingTZ): boolean + changeUser(String accName, String newStr, String field): boolean + changeUserPass(String accName, String oldPass, String newpass): boolean + changeUserPass(String accName, String oldPass, String newpass): boolean + addEvent(Event toAdd): void + loadEvents(Account ofUser): AllEvents - hashPass(String password): ArrayList + ohangeUserPass(String accName, String newStr, String newpass): boolean - verifyHash(String givenPassword, byte[] givenSalt): byte[]	-			- printCalendar(LocalDateTime): void			+ addAccount(Account toAdd, String pass): boolean		
- validCMDLoop(String[]): short - isValidTimeZone(String stingTZ): boolean + changeUser(String accName, String newStr, String field): boolean + changeUserPass(String accName, String oldPass, String newpass): boolean + addEvent(Event toAdd): void + loadEvents(Account ofUser): AllEvents - hashPass(String password): ArrayList - verifyHash(String givenPassword, byte[] givenSalt): byte[]				+ setUserAccount(Account): void			+ login(String accName, String password): Account		
+ addEvent(Event toAdd): void + loadEvents(Account ofUser): AllEvents - hashPass(String password): ArrayList <byte[]> - verifyHash(String givenPassword, byte[] givenSalt): byte[]</byte[]>	V		J	- validCMDLoop(String[]): short			+ changeUser(String accName, String newStr, String field): boolean		
+ loadEvents(Account ofUser): AllEvents - hashPass(String password): ArrayList <byte[]> - verifyHash(String givenPassword, byte[] givenSalt): byte[]</byte[]>				- isValidTimeZone(String stingTZ): boolean			+ changeUserPass(String accName, String oldPass, String newpass): boolea	n	
- hashPass(String password): ArrayList <byte[]> - verifyHash(String givenPassword, byte[] givenSalt): byte[]</byte[]>							+ addEvent(Event toAdd): void		
- verifyHash(String givenPassword, byte[] givenSalt): byte[]							+ loadEvents(Account ofUser): AllEvents		
							- hashPass(String password): ArrayList byte[]>		
+ closeConnection(): void							- verifyHash(String givenPassword, byte[] givenSalt): byte[]		
							+ closeConnection(): void		

AllEvents

- eventList: ArrayList<Event>
- + AllEvents(): AllEvent
- + AllEvents(AllEvents allEvents): AllEvent
- getEventByName(String name): ArrayList<Event>
- getEventByTime(LocalDateTime time): Event
- etEventByLocation(String location): ArrayList<Event>
- ddEvent(Event event): boolean
- Available(Event event): boolean
- getEvents(LocalDateTime start, LocalDateTime end): ArrayList<Event>
- getEvents(LocalDateTime start): ArrayList<Event>
- etEvents(): ArrayList<Event>
- removeEvent(Event event): boolean

Event

- ID: int
- userID: int
- eventName: String
- description: String
- startTime: LocalDateTime
- endTime: LocalDateTime
- formatter: DateTimeFormatter
- location: String
- + Event(String name, String description, String start): Event
- + Event(int ID, String name, String description, String start, String end, String location): Event
- + Event(Event event): Event
- + setEventName(String name): void
- + setDescription(String description): void
- + setDateTime(String start, String end): void
- + setDateTime(String start): void
- + setID(int ID): void
- + getID(): int
- + getDescription(): String
- + getLocation(): String
- + getStartTime(): LocalDateTime
- + getEndTime(): LocalDateTime
- + getStartTimeString(): String
- + getEndTimeString(): String
- + isValidInterval(): boolean
- + getUserID(): int