Package master

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+ Master Screen ()	+ Main ((String[]): vold
HasterBunner	bove	
+ back Button: JButton + logari Button: JButton + namelabel: Jlabel	+ Panel	0
+ HasterBanner ()	+ Parel (g(): HING
Window] Bodi	
	7 1000	3
+ last content (): void + clear History (): void	+ God	40
+ reset (1: void + add to thome (Gody): void	# 094	TO DODY (Master Screen): void
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Package screens Infilitrung intern für lichkeit Change Password	Zusamme Pfeile zu d Übersicht	einem für
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Hibratile		In madeana screen and die
		Im package screen sind die
+ join Group Gutton : JButton		klassen enthalten, die die GUI albilden
+ create and and a sention		a object/
+ #2810\$(12()		

connection package

DatabaseConnection

- + standardDatabase : String = "wanderoo"
- + users Table: String = "users"
- groups Table: String = "groups"
- + users _ groups Table : String "users_groups"
- + usercredentials Table : String "usercredentials"
- + connectDatabase () : void
- + disconnect Database() . vold
- test connection (): boolean
- make overy (string) : Resultset
- makequerry (String, String): Resultset
- make update (string) int
- make update (string, string): int
- batabase Connection

Groups

Groups (Result Set)

- + add New Group (String , string) : Groups
- + mad Hew Group (String): Groups
- + get AllGroups (1: List & Groups >
- + getaroupio: int
- getaroup Name : string
- Bet Group Niveaus: Sty
- set Group Wireau (Aring): void set Group Hureau (Aring): void
- to string (): String

User

User (Resultset)

- + loginuser (user, string), wold
- + logoutuser () wold
- adduewoor (String, String, string): User
- + addition (string, string, string, string, string): User # strings: User

- gettagged tree (): User
 iett eraup (Groups); booloom
 edd to erau (Groups); vold
 remove trans Group (Groups); vold
- getiD (1: int get Name (1: string
- setemail (): suing
- get Niveau (): String get trot : Wid(): String get Earle Length(): int

- get Route Length (): into get telght Dipperance (): into sub-the ghoust (string); us id sub-themsi (string); usid sub-themsi (string); usid sub-themsi (string); usid sub-themsi (string); usid set Route Length (int) word
- biov: (mi) somerester and indistress

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finalize () : vold

- + getValidator () : Validator
- create validator (): void
- kill validator (): wold
- + run():vold
- geturer (swing) user
- updane User (User): void
- get-Group (string): Groups
- checks assmord (new string): poolean
- encrypt (string): int

Package Exception

ChangePasswordException

+ Change Password Exception

(int) Moildan Grannes Seedahad +

Database Connect Exception

getstate (1:int

input Exception

+ inputexception (int)

Login Credentials Exception

- + Login Credentlals Exception Cint)
- + getstate(1: Int

Package funktionen

Change Password Function Admin Functions + change Password Function (1 + Admintunctions () + change password (1: vold adduser (string, int) : boolean finduser (string) : Resurset + eincle Parshood (Int, Result set): beatean + addlese (string): String): void + charge (chart): int + charge (chart): int - the answer (string): Resultset - the answer (string): Resultset Create Group Function + Create Group Function() + sove (): vold + gruppe ensteller (string): usid + set Group Wiveou (string, string) : wold Edit Profile Function + 30+AUGROUPS (1: Recultact + settalist (Result Set, String): List catting) + EditProfile Function() + save(hanges(): void Join Leave Group Function LoginTunction + Join Leave Group Function () + sease Group (): void + join Group (): void 4 Login Function (Textfield) Personal Add . I label . I label blw 1) nigol + + 1 cod Group (1: void Myprofile Function Register Function + User Textfield: STEXTFIELD + mail Textfield: STEXTFIELD + Password Passwordfield: StasswordField + MyProfile Function() + load Data (): void + represent password Password field : J Password Field blev: O tquorabbe + + Register Function (Studifield, Stephina, Stephinardick, Stephinardick) + register (): void

Im package funktionen sind die Wassen enthalten, die die zugehörigen Funktionen zu den "screens" wassen beinhalten.

Wir haben damit versucht zum gräßten Teil die Funktionen aus den Gui- Klassen auszulagern