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**Java Dialog<>**

**LoginDialog**

result: PromptResult

void showAndGetInput()  
string getUsername()  
string getPassword()

**PromptResult**

username: string  
password: string

**DialogPopup**

**Java Alert**

**Java Application**

**Main**

void start(primaryStage: Stage)

**Vault**

user: Employee  
accounts: hashMap  
locked: boolean  
open: boolean

boolean verified (user: string, pass: string)  
void toggleLock()  
boolean isUnlocked()  
void toggleOpen()  
boolean isOpen()  
void setUser(username: string)  
Employee currentUser()  
void changePassword(user: string, pass: string)

**Account Button**

loggedIn: boolean = false

**Java Button**

**Administrator**

**Employee**

password: string

boolean verifyPassword(testPassword: string)  
void changePassword(pass: string)