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|  | **Phone Simulator Application Development** |
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|  | ELF / HTD Training Programs  Java Full Stack - Use Cases |

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|  | Software Solutions |

 

App Development Assessment Overview

As part of this assessment you need to develop a console based application i.e. application which will not have any GUI but has a main method which takes input from console, which simulates “Calling feature of phone”. As part of this assessment you need to use

* MySQL DB to store the Data
* Core Java to develop Console Based application
* JDBC & SQL to perform CURD operation on Data

App Development - Assessment Description

1. Create Database by name “ContactFile”
2. Create a Table name “Contact” with the following structure (name should be unique)

|  |  |
| --- | --- |
| Name | Varchar(50) |
| Number | Int(10) |
| Group | Varchar(50) |

1. Create a java program which has main method which prints the following options

Press 1 to Show all contacts

Press 2 to Search for contact (using name)

Press 3 to Operate on contact

If user press 1 list all the contact names

If user press 2 get the name from the console and display it with all contact information and print these options

Press 1 to call

Press 2 to message

Press 3 to go back to main menu

* 1. If user press 1 display calling the contact and give the option to end call
  2. If user press 2 get the message from user and show sending the message
  3. If user press 3 go back to the main menu

If user press 3 print these options

Press 1 to add contact

Press 2 to delete contact

Press 3 to edit contact