**PAC CHART**

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| **GIVEN DATA** | **RESULT REQUIRED** |
| * USER AGE. * IF USER HAVE PASSED EYETEST, WRITTENTEST AND DRIVINGTEST OR NOT. * MEDICAL CERTIFICATE IF USER AGE IS ABOVE 60. | * IF THE USER IF ELIGIBLE OR INELIGIBLE FOR LICENSE. |
| **PROCESSING** | **SOLUTION ALTERNATIVES** |
| * ASK FOR USERAGE * IF USERAGE IS GREATER THAN 18 ASK FOR EYESIGHT RESULT * OTHERWISE , OUTPUT “INELIGIBLE” * IF USER PASSED EYETEST ASK FOR WRITTEN TEST RESULT * OTHERWISE , OUTPUT “INELIGIBLE” * IF USER PASSED WRITTEN TEST   ASK FOR DRIVING TEST RESULT   * OTHERWISE , OUTPUT “INELIGIBLE” * IF AGE IS GREATER THAN 60 ASK FOR MEDICAL CERTIFICATE * OTHERWISE , OUTPUT “ELIGIBLE” * IF USER HAVE MEDICAL CERTIFICATE OUTPUT “ELIGIBLE” * OTHERWISE , OUTPUT “INELIGIBLE” | * ANSWER TO EACH QUESTION CAN BE TAKEN AS CHARACTER (‘P’ OR ‘F’ AND ‘Y’ OR ‘N’)   OR AS BOLEAN (1, 0).   * SWITCH CASES COULD BE USED BUT THEY ARE NOT MUCH EFFICIENT IN THIS CASE. |

**IPO CHART**

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| **INPUT** | **PROCESSING** | **MODULE REFERENCE** | **OUTPUT** |
| * USERAGE * RESULTS OF EYETEST, WRITTENTEST, DRIVINGTEST. * MEDICAL CERTIFICATE IF THE USER IS ABOVE 60 | * ASK USERAGE * ENTER USERAGE * IF USERAGE>18 , ASK FOR THE EYESIGHT TEST RESULT * OTHERWISE , OUTPUT “INELIGIBLE” * ENTER RESULT * IF PASSED , ASK FOR THE WRITTEN TEST RESULT * OTHERWISE , OUTPUT “INELIGIBLE” * ENTER RESULT * IF PASSED , ASK FOR THE DRIVING TEST RESULT * OTHERWISE,   OUTPUT “INELIGIBLE”   * ENTER RESULT * IF PASSED , ASK IF THE USERAGE > 60 * OTHERWISE , OUTPUT “INELIGIBLE” * ENTER RESULT * IF YES < ASK THE USER FOR MEDICAL CERTIFICATE * OTHERWISE , OUTPUT ”ELIGIBLE” * ENTER RESULT * IF PASSED  OUTPUT , “ELIGIBLE” * OTHERWISE , “INELIGIBLE” | * PRINT * INPUT * IF * PRINT * ELSE * PRINT * INPUT * IF * PRINT * ELSE * PRINT * INPUT * IF * PRINT * ELSE * PRINT * INPUT * IF * PRINT * ELSE * PRINT * INPUT * IF * PRINT * ELSE * PRINT * INPUT * IF * PRINT * ELSE * PRINT | * WHETHER THE USER IF ELIGIBLE FOR LICENSE OR NO |