

Banking expert system

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Problem domain and objectives

A customer want to take a personal loan and a car loan, but there are some conditions required by the Bank must satisfy to take the loan.

Rules

Rule 1:

IF your age is between 21 and 60 years old

THEN you must have the first qualification point

Rule 2:

IF you have the first qualification point

THEN you may work in a governmental entity or special entity

Rule 3:

IF you may work in a governmental entity

AND your salary < 2500 pound

THEN you may have a bonus point to get the loan

Rule 4:

IF you may work in a governmental entity

AND this entity make a commitment to transfer your monthly salary to bank in case of don't paying in permitted time.

THEN you must have the second qualification point

Rule 5:

IF you work for a special entity or free work

THEN you must get guarantor to pay the value of money in case of you can't

Rule 6:

IF you have a guarantor

THEN you must have the second qualification point

Rule 7:

IF you may work in a governmental entity

AND have the first qualification point

THEN you must have the first chance

Rule 8:

IF your salary is 1500 pound or more

AND ready to pay the value of loan through 1 to 7 years

THEN you must have the second chance

Rule 9:

IF you have a letter addressed (contains your monthly salary) from working place

AND a copy for your personal identity (contains your secret national number)

THEN you must have the third qualification point

Rule 10:

IF you have first qualification point

AND you have second qualification point

AND you have third qualification point

THEN you must get the personal loan

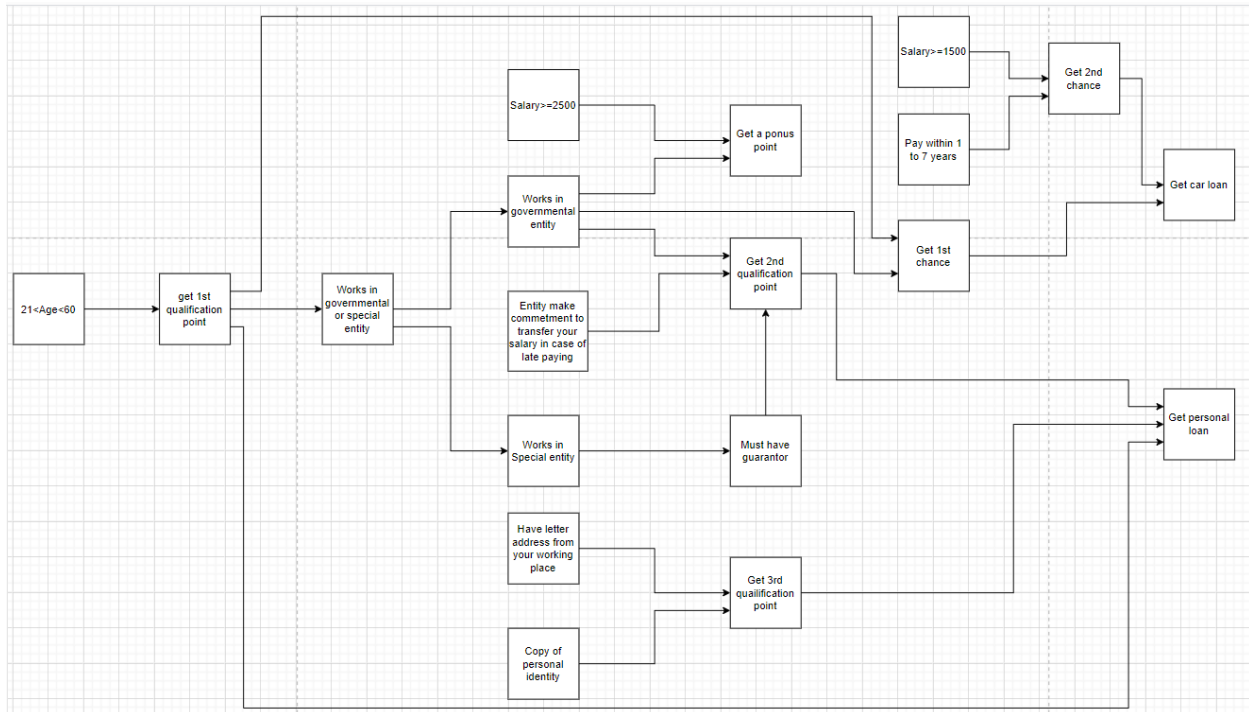
Rule 11:

IF you have first qualification chance

AND you have second qualification chance

THEN you get the car loan

Flow chart



programming chart

