**Using the requirements below do next:**

- perform the requirements analysis (use criteria of good requirements)

- mark and evaluate defects

- write questions to Customer (up to 5 questions).

**Task \*: Rewrite the requirements without bugs**

**Requirements for the application under development**

**General conditions: The application is designed to collect information about the**

**family, i.e. husband, wife, children. The application language is English.**

**1.** The application must support all versions of all operating systems.

**2.** Information about each family ("family database") should be stored in 1 file, which

can be saved with empty fields.

**3.** Several applications should be able to work simultaneously.

**4.** After starting the applications, the window should contain a menu with three standard

buttons with tooltips ("New Database", "Open Database", "Save Database"). The

"General" tab should be selected by default (see Figure 1).

**4.1** These ("New, Open, Save") buttons should also be available for the other three

tabs: "Husband", "wife", "Children". The "Save" button should not be available until the

user clicks on the "New" or "Open" button.

**5.** To create a new family database, the user must click on the "New" button. The user

can fill in the family description ("Description", see Appendix 2) and select the wedding

date ("Date of marriage") using the calendar "Calendar" (Appendix 1).

**6.** To open an existing database, the user must click on the "Open" button, select a file

in the dialog form and click "OK".

**6.1** If the user edits a new (or open) database, and then clicks on the "New" or "Open"

buttons, the application should offer to save the current database (changes).

**7.** To save the current family database, the user must click "Save".

**7.1** The name of the saved database should be clearly visible.

**7.2** If the new database has not yet been edited, the "Save" button should not be

available.

**7.3** If the user tries to save the database file under the name of an existing file,

the application should display a warning (we’ll come up with a text later).

**8.** Optionally, the application should support multiple languages.

**9.** The application should only allow filling in family data and storing such data. The

application should not allow working with previously created family databases.

**10.** To enter information about the husband, the user must go to the "Husband" tab (see

Figure 2)

**10.1** The following information can be stored about the husband: Name,

Patronymic, Surname (see Appendix 3), birthday (Appendix 1).

**10.2** The "Age" field must have a default value. Field age should be R/O. Its

value should be calculated as soon as the "Birth Day" field is filled.

**11.** The application must support the functionality of entering and saving complete

information about the wife.

**12.** To enter information about children, the user must go to the "Children" tab (see

Appendix 3).

**13.** The table with the list of children (2 rows and 3 columns) should be empty for the

new database. These three columns should have the names "Name" and "Height",

respectively.

**13.1** Cells in the table cannot be edited, but they can be selected.

**14.** User can add more than one child

**Appendix 1**

****

Appendix 2



Appendix 3



**Questions**

What is main goal of this application?

Who will use this application?

How many records in the database you expected to have?

Why user can`t edit the record for child?