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Software Engineering

Assignment 1

Team: T4

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**Requirements**

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| Functional requirements: |
| 1] The user should enter the amount of money they have at the first boot of the app |
| A toy cash register with buttons  Description automatically generated2] For each day, the user should be able to enter the purchases multiple times a day then they’re summed together to get the total day income |
| 3] Also for each day, they should be able to enter expenses that are divided into multiple predefiened categories (inks, paper, maintenance, others) |
| 4] We calculate the daily income after taking out the expenses |
| 5] The user divides the income to two categories (purchases, printing) by estimating it |
| 6] The app should calculate the profit from each category which is 30% of the value,  then it calculates the summation |
| 7] Update the value of the amount of money available |
| 8] The user should be able to edit an entered value to avoid errors |
| 9] The user can get a monthly report |
| 10] The application will run locally on the client's pc with no need for internet connection |

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| Non-functional requirements: |
| 1] The app should have an easy to understand design |
| 2] It should be a windows (10/11) desktop application |
| 3] The app should work for at least 5 years without encountering problems |
| 4] It should not be slow when retrieving data |
| 5] the app is displayed in Arabic |
| 6] The font and size should be clear |