BudgetSimple

USER REQUIREMENTS SPECIFICATIONS

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Author	**:**	**Stela Trencheva**
Student number	**:**	**4520095**

Version history

Version	Date	Author(s)	Changes	State
1.0	17.09.2021	Stela Trencheva	Data constraints Backlog with user stories;	Draft

Contents

1. Product Backlog

User Story 1:

Priority: 1

Estimation: 5

As a user, I can register in the application so that I can have access to it

Acceptance criteria:

- I must enter my personal information (first/last name, email, address, phone number, username, password)
- I will make a registration if all the entered details meet the validation criteria

User Story 2:
Priority: 5

Estimation: 2

As a user, I can login in the application so that I can add transactions, see statistics and track my budget

Acceptance criteria:

- I must enter my username and password

- I must try to login

- I can see a warning message if login credentials are incorrect

- I have access to the application if login credentials are correct

User Story 3:
Priority: 9

Estimation: 3

As a user, I can create wallets so that I can track money flows by different topics

Acceptance criteria:

- I can see available wallets

- I must enter the title and description of a new wallet

- I must choose a currency for the new wallet

- I can add the wallet

User Story 4:

Priority: 17

Estimation: 8

As a user, I can set monthly budget to a wallet so that I track my spending and compare it with a goal

Acceptance criteria:

- I can see available wallets
- I must choose a wallet
- I must choose to set a budget of the wallet
- I must enter an amount
- I must set the budget
- I can see how much over or below the budget is my spending

User Story 5:

Priority: 13

Estimation: 34

As a user, I can add transactions to a wallet so that I track each of my spending

Acceptance criteria:

- I can see available wallets
- I must choose a wallet
- I must choose to add a transaction
- I must enter an amount of the transaction
- I must choose a date of the transaction
- I can select a category
- I can add a description
- I can choose how to split the amount of the transaction if there are multiple people in the wallet

- I can add an image of a bill to the transaction

- I must add the transaction

- I can see updated data in the wallet

User Story 6:

Priority: 21

Estimation: 233

As a user, I can invite people to the wallet so that I can share a wallet with multiple people

Acceptance criteria:

- I can see available wallets

- I must choose a wallet

- I must generate unique sharable code/URL/QR code

- I must share the code through the most used platforms for communication or copy it

User Story 7:

Priority: 25

Estimation: 144

As a user, I can use an invitation code so that I can enter a wallet

Acceptance criteria:

- I must enter the invitation code

- I must enter username of the person inviting me

- I can enter the wallet

User Story 8:

Priority: 29

Estimation: 610

As a user, I can see how much other members of a wallet spent so I know how much each member owes to the others

Acceptance criteria:

- I can see available wallets

- I must choose a wallet

- I can see spent money of all members

- I can see spent money per member

- I can see how much I owe to the others

- I can see how much each of the other members owes me

User Story 9:

Priority: 53

Estimation: 377

As a user and owner of a wallet, I can restrict members' activity in a wallet so that some things are not editable from all members

Acceptance criteria:

- I can see available wallets

- I must choose a wallet

- I can see members of the wallet

- I must choose a member

- I must choose to restrict that member

- The restricted member will not be able to change/set budget and use bonuses/discounts

User Story 10:

Priority: 33

Estimation: 4181

As a user, I can see statistics about how much I/and others have spent so that I know how I manage my money

Acceptance criteria:

- I can see available wallets

- I must choose a wallet

- I can see transaction and spent money for the whole time

- I can see transactions and spent money per month/week/range of dates

- I can see transactions and spent money per category

User Story 11:

Priority: 37

Estimation: 6765

As a user, I can see predictions of future months spending so I know how much I might spent according to the previous months

Acceptance criteria:

- I can see available wallets

- I must choose a wallet

- I can see how much I have spent previous months

- The future months are calculated depending of the average of previous months

- I can see predictions for future months

User Story 12:

Priority: 57

Estimation: 13

As a user, I can rate the application so I share my experience and opinion

Acceptance criteria:

- I can see the survey

- I must choose a rating of 1-5

- I can answer the questions of the survey

- I must submit the rating

User Story 13:

Priority: 61

Estimation: 21

As an admin, I can see users' feedbacks and suggestions of improvement so that I know how users find it working with the application

Acceptance criteria:

- I can see all submitted user feedbacks

- I can sort the displayed user feedbacks by rating

- I can see each of the feedbacks more detailed

- I can see a report of overall experience based on rating

User Story 14:

Priority: 41

Estimation: 987

As an admin, I can add discounts and bonuses so that users can unlock them when completing different tasks

Acceptance criteria:

- I can see the list of available bonuses

- I must enter the new bonus info (title, description, link to website)

- I must add a new bonus

User Story 15:

Priority: 45

Estimation: 2584

As a user, I can fulfill tasks so I can unlock and use bonuses

Acceptance criteria:

- I can see a list of tasks and bonuses related to each of the goals

- I must fulfill a task

- I get access to the bonus/discount code

- I can use this bonus/discount code once

User Story 16:

Priority: 49

Estimation: 1597

As an admin, I can see who has unlocked bonuses so that I can track which tasks users are fulfilling the most

Acceptance criteria:

- I can see the list of available bonuses

- I can see how many times each of them is unlocked

- I can see who has unlocked a bonus

- I can generate a report with most received bonuses and most fulfilled tasks

User Story 17:

Priority: 65

Estimation: 55

As an admin, I can register new customer support employees so that more employees can help users of the application

Acceptance criteria:

- I must enter the information of the new employee (first and last name, address, email, phone number, hourly wage, starting date of work)

- The employee is registered in the system if he doesn't already exist

- Email address with login credentials is sent to the person

User Story 18:

Priority: 69

Estimation: 1

As a customer support, I can change the received from the admin password so I am the only one that knows the password

Acceptance criteria:

- I must enter my previous password
- I must enter the new password two time
- I must update the password

User Story 19:

Priority: 73

Estimation: 17711

As a user, I can contact customer support so that I can ask a question and get help

Acceptance criteria:

- I must open the live chat
- I can see frequently asked questions
- I can choose to text support
- I must write a message
- I must sent a message

User Story 20:

Priority: 77

Estimation: 28657

As a customer support, I can answer questions in the live chat so that I can help solve the problems of the users

Acceptance criteria:

- I can get a random customer message
- I get assigned to a ticket of the problem
- I must text the user back
- I must close the ticket if the problem is solved

User Story 21:

Priority: 81

Estimation: 89

As an admin, I can see how many hours customer support employees have worked so I know how much they should be paid

Acceptance criteria:

- I can see a list of all customer support employees

- I can see individually how many hours each of them has worked

- I can see the dates they have been available by weeks/months/etc.

User Story 22:

Priority: 85

Estimation: 10946

As a user, I can use a QR code so that I can enter a wallet

Acceptance criteria:

- I must scan the QR code

- I can enter the wallet

User Story 23:

Priority: 100

Estimation: 46368

As a user, I can take a photo of a bill so that all products and the total amount of the bill are automatically displayed in the transaction description

Acceptance criteria:

- I must upload a photo of a bill

- I must select text that I want to be uploaded

- I can format the text

- I must upload the data from the bill

- I must add the transaction

2. Data Constraints

For all users I will store:

1. First name
2. Last name
3. Address (street, street number, zip code, town, country)
4. Personal e-mail address
5. Username
6. Password
7. Date of birth
8. Photo
9. Role

Additional data for all customer service employees:

10. Date of first working day
11. Emergency telephone number
12. Bank account number
13. Hourly wage

For every transaction, I will store:

1. Title
2. Description (Optional)
3. Category (Optional)
4. Amount
5. Date
6. Photo (Optional)
7. Split type between members

For each rating, I will store:

1. Rating (1-5)
2. Questions
3. Answers
4. Additional note

For each bonus, I will store:

1. Title
2. Description
3. Website link
4. Discount
5. Task to be fulfilled

Users in the system:

1. Users of the application
2. Admins
3. Customer support