

**USER REQUIREMENTS SPECIFICATIONS**

**BudgetSimple**

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| **Date : 17.09.2021** |
| **Version : 1.0** |
| **Author : Stela Trencheva** |
| **Student number : 4520095** |

**Version history**

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

# **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**:

1. Date of first working day
2. Emergency telephone number
3. Bank account number
4. 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