TB141 – ICT System Engineering and Rapid Prototyping Summative Assignment - TUDelft-icious - User Stories

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Introduction

This document contains the user stories for the summative assignments.

In a real-life SCRUM project, the user stories are defined by the Product Owner, in collaboration with the SCRUM Master and the development team, incrementally as the project evolves. For this project, we (the teaching staff) already provide you all the user stories from the beginning of the project.

At the beginning of each sprint, a planning game will be performed to select which story/stories to implement during the sprint from those presented in this document.

N.B.: In any case, **for each story in this document**, at the beginning of the project, you need to perform a decomposition of the story content into implementation tasks, in order to provide an estimation of the total number of points (i.e. developer hours) required for the story implementation.

User stories

User Story 1: ADD STORE ON PLATFORM
Description : Businesses can register on the platform using a form asking at least for the name of their business, their address, their VAT number and an official telephone number. Admins should have read/modify access to all this information for debugging/troubleshooting purposes. Both must also be able to modify their information at any time via a profile menu.
Client priority : **1**
Technical Risk Developers : 1 2 3
Points :

User Story 2: Sign up/Sign in on platform

Description : Users should be able to create an account with a form asking at least for their name and their email address. After creation of their accounts, Users are able to login into the plaform and access their private area. Admins should have read/modify access to all this information for debugging/troubleshooting purposes. Both must also be able to modify their information at any time via a profile menu.

Client priority : **1**
Technical Risk Developers :   1   2   3
Points :

User Story 3: Load product on platform

Description : Businesses can upload the products (leftovers) they want to sell to the platform via a form. The form should allow the upload of an image of the product to be sold, its description, the place and the quantity do be sold. Optionally, some tags can be added to the product, to allow easy filtering. All these elements should be modifiable at a later time, in any case before the customer purchase. Admins should have read/modify access to all this information for debugging/troubleshooting purposes.

Client priority : **2**
Technical Risk Developers :   1   2   3
Points :

User Story 4: VISUALIZE PRODUCTS ON PLATFORM

Description : Users can visualize on the platform the available leftovers using either a list view or a gallery view. Two views should be provided, one showing the individual available products, and one showing the Businesses having available products. Moreover, the users should be able to filter data based on tags and/or localization of the shop.
Admins needs to have similar visualization rights.

Client priority : **3**
Technical Risk Developers :   1   2   3
Points :

User Story 5: GEO-LOCATE SHOP

Description : While clicking on a product, Users should have the possibility to visualize the location of the shop selling the product on a map. Additionally, Users can enter their position, and the program should indicate the distance from the User current position and the selected shop. Admins should have read/modify access to all this information for debugging/troubleshooting purposes.

Client priority : **2**
Technical Risk Developers :   1   2   3
Points :

User Story 6: PURCHASE PRODUCT

Description : After selecting a product, Users should have the possibility to purchase the product. Users can select one or multiple products to be paid in a single purchase. The system will then provide a summary of the order, and proceed with the checkout, redirecting to the payment page. Admins should have read/modify access to all this information for debugging/troubleshooting purposes.

Client priority : **3**
Technical Risk Developers : 1 2 3
Points :

User Story 7: LIST OF FAVOURITE SHOPS

Description : The Users of the application should be able to build an list of favourite Businesses. By default, this list should be private to the concerned User, but the application should also allow to make it public for the other Users of the platform Admins should have read/modify access to all this information for debugging/troubleshooting purposes.

Client priority : **2**
Technical Risk Developers : 1 2 3
Points :

User Story 8: ANALYTICS (SHOP SIDE)

Description : The Businesses registered on the platform should be able to visualize different metrics about their products (at least total sales, sales per day, sales per week, most sold category). By default, a textual representation of these information should be provided. Additionally, a graphical representation could be implemented. Admins should have read/modify access to all this information for debugging/troubleshooting purposes.

Client priority : **3**
Technical Risk Developers :   1   2   3
Points :

User Story 9: IMPORT/EXPORT DATA INTO THE PLATFORM

Description : Instead of manually entering all the details concerning a product, a Business should be able to import a set of products in one single operation, using a standard format (e.g. CSV/JSON). Moreover, a Business should also be able to export its sales data, as well as the list of previously sold products in the same format. Users should also be able to export their list of purchases using the same format. Admins should have read/modify access to all this information for debugging/troubleshooting purposes.

Client priority : **3**
Technical Risk Developers :   1   2   3
Points :

User Story 10: Share selected product

Description : Users should be able to share on other platforms (e.g. social media platforms such as Facebook, Instagram, Twitter, Whatsapp) the selected product. Sharing will be implemented via Mendix built-in functionalities. Admins should also have access to this functionality for debugging/troubleshooting purposes.

Client priority : **3**
Technical Risk Developers :   1   2   3
Points :

User Story 11: Help section

Description : Users and Businesses should be able to access at any time to an help section/help page, detailing the different functionalities offered by the application. Admins should also have access to this functionality for debugging/troubleshooting purposes.

Client priority : **3**
Technical Risk Developers :   1   2   3
Points :

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