

Team Report : Team 13

Introduction

For Iteration 2, we further developed on Iteration 1 by adding stories that were 'nice to have' from the client, as well as adding essential stories that were not developed in Iteration 1. This has left us with a well rounded system with a good amount of features built around a strong core of functionality.

Starting the system

- To begin the system, navigate to the 'app' folder, using the relevant 'cd' commands.
- Then, run the main.rb file with 'ruby main.rb'
- README file is in project/docs
- Now the website should be running on your local box.
- Admin and user accounts:
 - admin@gmail.com, pword : admin
 - user@gmail.com, pword: user
 - role1@gmail.com, pword: role1
 - role2@gmail.com, pword: role2
 - role3@gmail.com, pword: role3
 - role4@gmail.com, pword: role4
- When creating a new account, there is a bug which will require the server to be restarted to access the account.

User Stories

Guest Stories

All employees and admins want these stories as well.

//Unchanged story - delivered in iteration 1

As a guest, I want to view all the public bookmarks.

- Acceptance criteria
 - Be able to view every public bookmark by using company computers.
- Client priority: 1
- Estimated effort: 8

//Story modified to only include search by title, as searching by the other fields was not as feasible

As a guest I want to be able to search for public bookmarks.

Note: search by title, assigned tags, date of creation, user that created the bookmark.

- Acceptance criteria:
 - When I enter an existing phrase in the search box I want to see assigned bookmarks.
 - When I enter an incorrect phrase in the search box I want to see 'No bookmarks found' error.
- Client priority: 4
- Estimated effort: 8

//Unchanged story - delivered in iteration 1

As a guest I want to be able to sign in.

- Acceptance criteria
 - Be able to sign in account through sign in page
- Client priority: 1
- Estimated effort: 5

//Story not added

As a guest would like to report inappropriate bookmarks and add a reason for the report.

- Acceptance criteria
 - Be able to report by clicking the report button
- Client priority: 6
- Estimated effort: 3

Employee Stories

//Story unchanged - delivered in Iteration 1

As an employee I want to log in to my account.

- Acceptance criteria
 - Be able to log in account through login page
- Client priority: 1
- Estimated effort: 5

//Story unchanged - delivered in Iteration 1

As an employee I want to be able to log out of my account.

- Acceptance criteria
 - When I press 'log out' button I want to switch to guest account.
 - When I close the tab I want to log out of my account.
- Client priority: 1
- Estimated effort: 1

//Story unchanged - delivered in Iteration 2

As an employee, I would like to 'favorite' bookmarks

- Acceptance criteria
 - Be able to add bookmarks to my favorites and view them in a separate page
- Client priority: 7
- Estimated effort: 2

//We decided that the date of the bookmark should be the current date, so we did not include this as an editable field. Delivered fully in Iteration 2.

As an employee I would like to add bookmarks with information such as; Title, URL, Tags (e.g. Department, etc.), **Date**, Description, and **whether it is public or not**.

- Acceptance Criteria:
 - When I click a button to add a bookmark, I should be given a form with the ability to fill in all the required fields.
 - Each field should be checked that they have been filled in properly, if they have not, an error will be thrown.
- Client Priority: 1
- Estimated Effort: 3

//Story unchanged - delivered in Iteration 2

As an employee, I want to remove my bookmarks.

- Acceptance criteria
 - Be able to delete the bookmark that I previously created

- Client priority: 7
- Estimated effort: 2

//Implemented in Iteration 2, unchanged

As an employee I want to be able to search for private bookmarks.

Note: search by title, assigned tags, date of creation, user that created the bookmark.

- Acceptance criteria:
 - When I enter an existing phrase in the search box I want to see assigned bookmarks.
 - When I enter an incorrect phrase in the search box I want to see 'No bookmarks found' error.
- Client priority: 4
- Estimated effort: 8

//Implemented in Iteration 2, unchanged

As an employee I would like to view private bookmarks.

- Acceptance Criteria:
 - When I open the application, I should be able to view all bookmarks (public and private).
- Client Priority: 1
- Estimated Effort: 8

//Ratings system - not delivered

As an employee I want to mark bookmarks as good or bad.

- Acceptance Criteria:
 - I should be able to see 2 buttons to rate the bookmark either good or bad.
 - This should then feed into the overall 'rating' of the bookmark.
- Client Priority: 5
- Estimated Effort: 5

//Employee cannot create a new bookmark with URL already in database, but no comment redirection involved, an error page was used instead

As an employee I want to see a popup window when a bookmark already exists and be directed to comment on it.

- Acceptance Criteria:
 - When I set a bookmark with a URL that is already in the database, I should be alerted that it already exists.
 - I should be given the details of the bookmark that already exists and be directed to it.
- Client Priority: 5

- Estimated Effort: 3

//Implemented in Iteration 2

As an employee I want to remove tags that I have added.

- Acceptance Criteria:
 - If I put a tag on a bookmark, I should be able to remove the tag that I have put on.
 - I shouldn't be able to remove anyone else's tags.
- Client Priority: 3
- Estimated Effort: 3

//Favourites are viewed in the user profile - Delivered in Iteration 2

As an employee I would like to view my favourites.

- Acceptance Criteria:
 - Upon clicking the **user profile** button to see them, all of my favoured bookmarks should be shown.
- Client Priority: 7
- Estimated Effort: 2

//Implemented in Iteration 2

As an employee, I want to add a tag to any bookmark regardless of whether I created it.

- Acceptance criteria
 - By clicking a button, I will be able to add tags to another bookmark.
- Client priority: 3
- Estimated effort: 2

//Not implemented

As an employee, I want to add comments to a bookmark that already exists.

- Acceptance criteria
 - By clicking a button, it will be able to add comments to that bookmark.
- Client priority: 7
- Estimated effort: 8

//Viewable on user profile

As an employee, I would like to see that I am suspended when I log in to my account.

- Acceptance criteria
 - I will see a screen that tells me I am suspended
- Client priority: 2
- Estimated effort : 2

Admin Stories

//Edited to be displayed in a view - easier to implement - delivered in Iteration 2

As an admin, I want to be able to view all reported bookmarks **as a notification** **in a view**.

- Acceptance criteria:
 - When I receive the notification with the reported bookmark, I want to be able to follow the link to it
- Client priority: 6
- Estimated effort: 3

//Not implemented

As an admin I would like to delete a reported bookmark notification after I see it.

- Acceptance criteria:
 - I don't want to have notifications with reports that have been resolved
 - Just by clicking a button, the notification should disappear
- Client priority: 6
- Estimated effort: 1

//Story unchanged - implemented in Iteration 2

As an admin I want to be able to remove bookmarks.

- Acceptance criteria:
 - If a bookmark is inappropriate, I would like to be able to remove it by clicking a button
- Client priority: 6
- Estimated effort: 2

//Story not implemented - deemed lowest priority

As an admin I want to remove employees.

- Acceptance criteria:
 - By clicking the "Remove" button, an employee's account should be deleted
- Client priority: 8
- Estimated effort: 2

//Story implemented in Iteration 2 - done with checkbox on update user

As an admin I want to be able to assign admin privileges to employees.

- Acceptance criteria:
 - When I press a button responsible for assigning admin rights on the employee profile I want that user to become an admin.
- Client priority: 2
- Estimated effort: 2

//Done with checkbox as in story above

As an admin I want to remove admin privileges.

- Acceptance criteria:
 - By clicking the "Remove admin" button, checking a checkbox, I want to be able to remove an admin's privileges
- Client priority: 8
- Estimated effort: 1

//Not implemented - deemed lowest priority

As an admin I would like to search for employees.

- Acceptance criteria:
 - In the search bar, an admin should be able to search for employees
- Client priority: 8
- Estimated effort: 3

//Not implemented

As an admin I want to be able to verify and approve an account that a user is trying to create.

- Acceptance criteria:
 - If a user is trying to sign up their request is sent to my account.
 - When I accept the user request their account is created.
 - When I decline the user request their account is not created.
- Client priority: 1
- Estimated effort: 3

// Unchanged except from record of suspension - not feasible so was left out

As an admin I want to be able to view profiles of all employees.

Note: profiles should contain employee's name and surname, name of their department, date of joining the company, their employee status (suspended, etc.) and indication of whether or not they were ever suspended.

- Acceptance criteria :
 - When I click on the customer name, their profile should be displayed.
- Client priority: 2
- Estimated effort: 3

//Story unchanged bar checkbox instead of button

As an admin I want to be able to suspend and unsuspend employees.

- Acceptance criteria:
 - When I press 'suspend' buttoncheckbox I want employee to temporarily lose access to their account.
 - When I press 'unsuspend' buttoncheckbox I want employee to regain access to their account.
- Client priority: 2
- Estimated effort: 3

Tackling Stories

We established roles as follows:

- 7 Group Members Total
- Responsibilities:
 - Scrum Master - Lucian, Alicja
 - Database Lead - Cameron, Sergiu
 - Test Lead - Julia, Lucian
 - Presentation layer (interface to back end) - Li, Julia - done
 - Front end (html etc.) - Sergiu, Li
 - Client Contact - Alicja, Yihang
 - Version control - Yihang, Cameron
- Roles:
 - Tester Julia
 - Ruby developer Lucian Cameron
 - Database admin Cameron
 - HTML and CSS developer Sergiu Yihang
 - View developer Li
 - Sinatra expert Alicja

Our strategy for tackling stories was to rank them by the priority assigned by the clients. In the first term we got the clients to arrange the story cards with highest and lowest priority. We used these rankings to determine which stories to do first, and ended up completing the main parts of the system in Iteration 1.

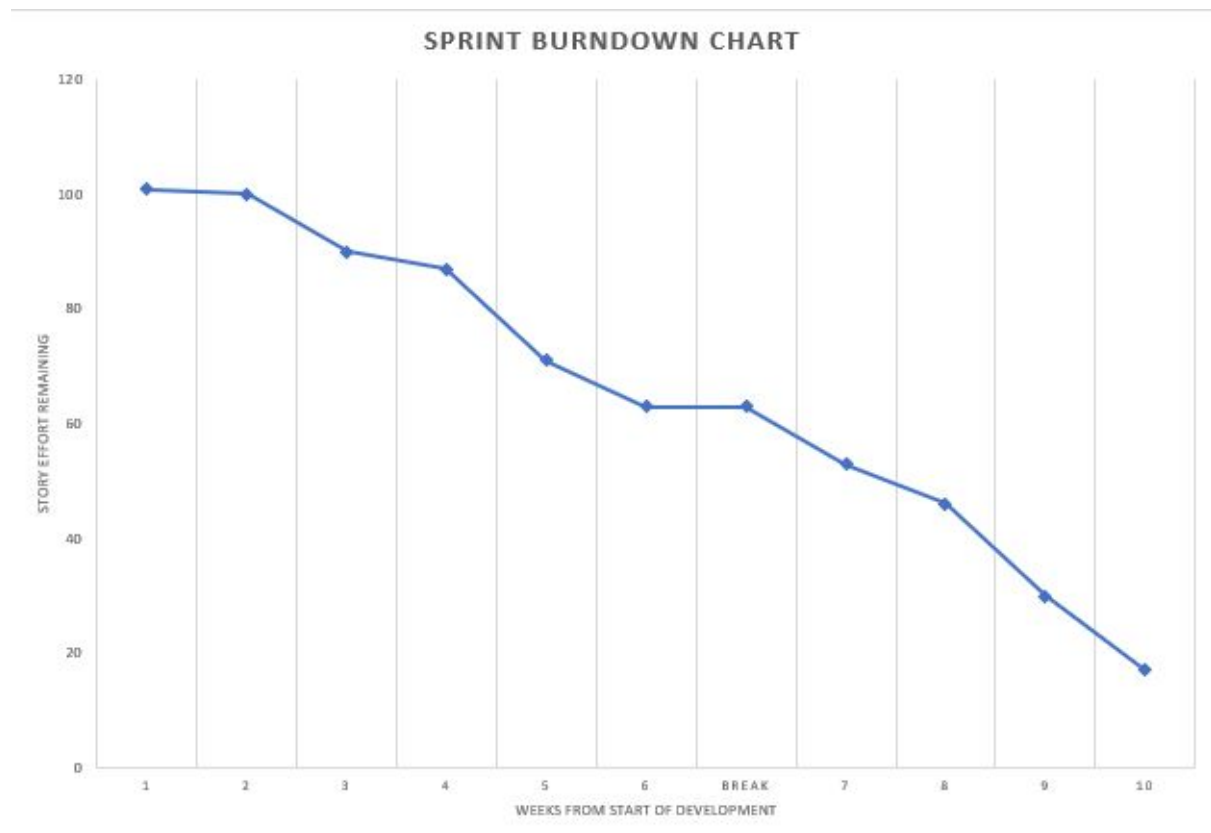
<u>Team Member</u>	<u>Iteration 1 Tasks</u>
Lucian	Verification of accounts
Alicija	Login, Logout, Signup (password etc) //Pair with Li
Julia	Manual tests
Cameron	Adding bookmarks
Sergiu	Database Creation, HTML Creation, Viewing bookmarks
Li	Login, Logout, Signup (password etc) //Pair with Alicija
Yihang	User view, Bookmark details

This involved the database with user and bookmark tables, the implementation of a bookmark view, creation of user accounts, creation of bookmarks, and curating the overall look of the website with HTML and CSS additions.

In Iteration 2 we expanded the system with features that were 'swant to have' as defined by the clients. This included a tags system, system for viewing users, admin system, comments system, along with other quality of life additions.

<u>Team Member</u>	<u>Iteration 2 Tasks/Features</u>
Lucian	Create admin page, View users, Edit users
Alicija	Update bookmark
Julia	Manual tests
Cameron	Deleting bookmarks, Comments
Sergiu	Improvement on views
Li	Tags, Favourites
Yihang	User profile

Burndown Chart



Our story management began slowly, with the first week not yielding large story production - however, after this we became more used to the sprints, and got a good amount of work done each week. The easter break in the middle paused our progress, but we continued to break down the stories in Iteration 2.

The overall trend shows that we may have been slightly too late in completing all the stories, but most of the stories we did not get completed were not high priority as ranked by the clients. Unfortunately this means that we still have some stories on the sprint backlog, and we did not end up implementing all of the 'nice to have' features.

Testing

We decided to use manual testing to a great extent as it allows us to clearly see the result of client interactions, not just how the software sees it. Everything has been documented in the photos below. Testing manually after every meaningful addition to the code allowed us to make sure that the behaviour is working the way we wanted it to in practise. The table contains the first and final test of each feature, the information concerning if the feature used to work or not was meant to help with the creation process.

Test Scenario	num	Test Case	Pre Conditions	Expected results	Actual Results	Pass/Fail	Final results
Checking log out functionality	1	Check if after logging in "log out" button appears	Log in feature works properly	"Log out" button appears	Expected	Pass	Pass
	2	Check if clicking on the "log out" button allows the user to log out		The user gets logged out	Expected	Pass	Pass
	3	Check if "Log out" button disappears after logging out		"Log out" button disappears	Expected	Pass	Pass
	4	Check if logging in again is allowed after logging out	Log in feature works properly	User can log in	Expected	Pass	Pass
	5	Check going back a page after logging out		The User remains logged out, private bookmarks are not listed, if private bookmark was viewed in previous tab the home page appears instead	User remains logged out but if the previous page contained private information it is still visible	Inconclusive	Partial Fail
	6	Check if the user is logged in after closing the page and opening it back	Log in feature works properly	The user stays logged in	Expected	Pass	Pass
	7	Logging out without internet connection		The user still gets logged out	Expected	Pass	Pass

Test Scenario	num	Test Case	Expected results	Actual Results	Pass/Fail	Final results
Checking add bookmark feature	1	Check response upon adding new bookmark by user	A new bookmark is added	Sometimes the result are as expected, sometimes an error appears	Fail	Pass
	2	Check response upon adding new bookmark by admin	A new bookmark is added	Sometimes the result are as expected, sometimes an error appears	Fail	Pass
	3	Check if "add Bookmark" button appears after logging in	The button appears successfully	Expected	Pass	Pass
	4	Check response to a guest trying to add a bookmark	Guest does not see that option/ is unable to add a bookmark	Guest see the option but is seeing an error message or getting redirected to the bookmark page	Partial Pass	Partial Pass
	5	Check response to trying to submit the bookmark without adding any additional information	An error appears not allowing the bookmark to be created (important - private/public always needs to be specified)	You are able to create blank bookmarks	Fail	Fail
	6	Check response to adding new bookmark and filling in all the information	A new bookmark is added without any complication	Expected	Pass	Pass
	7	Check if bookmark after creation is indeed private/public and all data is saved and showing properly	All bookmark data saved properly	As expected, beside the fact that you cannot see any tags	Partial Pass	Pass
	8	Check response to adding a new tag	Tags add to the bookmark	You can create the tag but it's not visible	Fail	Fail

Test Scenario	num	Test Case	Expected results	Actual Results	Pass/Fail	Final results
Checking admin's ability to approve an account	1	Check if admin is getting an notification	Admin is getting the notification	Feacure did not implemented		Fail
	2	Check if after approving or dismissing the notification disappears	The notification disappears	Feacure did not implemented		Fail
	3	Check if approved user can log in	Approved user can log in and has all the user functions working	Feacure did not implemented		Fail
	4	Check if dismissed user can log in	Dismissed user cannot log in	Feacure did not implemented		Fail
	5	Check if not approved user can log in	Not approved user cannot log in	Feacure did not implemented		Fail
	6	Check if once dismissed user can be verified positively at a different occasion	They can be verified positively	Feacure did not implemented		Fail

Test Scenario	num	Test Case	Expected results	Actual Results	Pass/Fail	
Checking log in functionality	1	Check if "log in" button appears on all pages	"Log in" button appears on all pages	Expected	Pass	Pass
	2	Check that pressing "log in" button allows you to go to a log in screen	Pressing "log in" button allows you to go to a log in screen	Expected	Pass	Pass
	3	Check that after logging in the button disappears (or changes to change users)	the button disappears (or changes to change users)	Expected	Pass	Pass
	4	Check what happens after putting in correct log in details	The user logs in	Expected	Pass	Pass
	5	Check what happens after putting in incorrect details	An error message appears	Expected	Pass	Pass
	6	Check what happens after putting in lower and upper case letters, special characters and numbers	Log in should proceed normally	Expected	Pass	Pass
	7	Check what happens after leaving both fields blank	An error message appears	Expected	Pass	Pass
	8	Check if logging in grants you access to user/admin features	It grants you the appropriate access	Expected	Pass	Pass
	9	Check if once logged in user can view their profile	All users should be able to view their profiles	Expected	Pass	Pass
Test Scenario	num	Test Case	Expected results	Actual Results	Pass/Fail	Final results
Checking viewing public bookmarks functionality (guest)	1	Check if the public bookmarks are visible	The public bookmarks are visible	Expected	Pass	Pass
	2	Check if private bookmarks are visible	The private bookmarks are not visible	Expected	Pass	Pass
	3	Check if choosing bookmark links sends you to appropriate sites	It sends you to appropriate sites	Expected	Pass	Pass
	4	Check if comments are visible	Comments are visible	Expected	Pass	Pass
Test Scenario	num	Test Case	Expected results	Actual Results	Pass/Fail	
Checking viewing private bookmarks functionality	1	Check if public bookmarks are still visible	Public bookmarks should still be visible	Expected	Pass	Pass
	2	Check if private bookmarks are visible	Private bookmarks are visible	Expected	Pass	Pass
	3	Check if choosing bookmark links sends you to appropriate sites	Bookmark links send you to appropriate sites	Expected	Pass	Pass
Test Scenario	num	Test Case	Expected results	Actual Results	Pass/Fail	Final results
Checking suspension feature functionality	1	Check if a "suspend" button appears on each (not suspended) employee profile while being logged in as admin	While being logged in as admin "suspend" button appears on each not suspended employee profile	You can only see if they are suspended or not and select their profile	Fail	Pass
	2	Check if a "suspend" button appears on each (not suspended) employee profile while being logged in as an user or a guest	"Suspend" button does not appear on neither	Expected	Pass	Pass
	3	Check if the "suspend" button is working correctly	It should work and suspend the user.	Expected	Pass	Pass
	4	Check if suspended employee's profile has an "unsuspend" button instead	It should have the "unsuspend" button	Expected	Pass	Pass
	5	Check if the "unsuspend" button is working correctly	It should work correctly	Expected	Pass	Pass
	6	Check if you can suspend and unsuspend an employee multiple times	It should be possible	Expected	Pass	Pass
	7	Check if an employee can log in while being suspended	The employee should get an error message informing them that they are suspended	You can log in normally while being suspended	Fail	Fail
	8	Check if a user can log in after being unsuspended	The user should be able to log in	Expected	Pass	Pass
	9	Check if suspended user's data has been intact	The user data, such as their bookmarks and presence on employee list should remain untouched	Expected	Pass	Pass
	10	Check if an admin can be suspended	An admin should be able to get suspended	Expected	Pass	Pass
	11	Check if an admin can suspend themselves	Admin should not be able to suspend their own profile	Admin can suspend their own profile	Fail	Fail
	12	Check if an information about previous suspension appears on user profile after being unsuspended	The information should appear	It does not appear	Fail	Fail

Test Scenario	num	Test Case	Expected results	Actual Results	Pass/Fail	Final results
Checking assigning admin rights feature	1	Check if "assign admin rights" feature/button is available on employees profile (check using all types of account)	The feature appears only via admin account	Expected	Pass	Pass
	2	Check if "assign admin rights" feature/button changes employee account to an admin	The feature works properly	Expected	Pass	Pass
	3	Check if the "assign admin rights" feature/button disappears after admin rights are assigned	The button disappears and in its place 'remove admin rights' button appears instead	Expected	Pass	Pass
	4	Repeat different admin test cases using a newly created admin account	All should work properly	Expected	Pass	Pass

Test Scenario	num	Test Case	Expected results	Actual Results	Pass/Fail	Final results
Checking view employees profiles functionality	1	Check if you can view employees profiles as an admin	You should be able to view them	Expected	Pass	Pass
	2	Check if you can view employees profiles as an employee and guest	You should not be able to view them	Expected	Pass	Pass

Test Scenario	num	Test Case	Expected results	Actual Results	Pass/Fail	Final results
Checking add a tag feature	1	Check if there is an "add tag" option on all bookmarks while being logged in	It should appear each time	There is no option as such	Fail	Fail
	2	Check if there is an "add tag" option on all bookmarks as a guest	It should not appear at all	Expected	Pass	Pass
	3	Check if "add tag" option allows you to add any tag from existing ones	It should allow you	There is no such option	Fail	Fail
	4	Check what happens when you try to add already existing tag	An error should appear	You can do so as it will disappear immediately anyway	Fail	Fail
	5	Check if "add tag" option allows you to create and add a new tag	It should allow to do so	There's no such option	Fail	Fail
	6	Check if the tag stays added after logging out	It should stay added permanently	It does not	Fail	Fail

Test Scenario	num	Test Case	Expected results	Actual Results	Pass/Fail	Final results
Checking remove tags feature	1	Check if there is an option to remove tags added by you	There should be an option to remove tags added yourself	No option works because tags disappear upon creation	Fail	Fail
	2	Check if the tag gets removed by using the "remove" option	The tag should get removed		Fail	Fail
	3	Check if you can remove a tag you did not add	The tag should not get removed		Fail	Fail
	4	Check if the tag stays removed after logging out	The tag should stay removed		Fail	Fail

Test Scenario	num	Test Case	Expected results	Actual Results	Pass/Fail	Final results
Checking search bookmarks feature	1	Check if search option is visible (on all types of account)	It should be visible to all types of account	Expected	Pass	Pass
	2	Check what happens when submitting blank search	An error message should appear or redirect to the bookmarks	You are shown the whole list of bookmarks	Pass	Pass
	3	Check what happens when submitting correct phrase	The required bookmark/s should appear	Expected	Pass	Pass
	4	Check what happens when submitting incorrect phrase	An information about no results should appear	No bookmark appear	Pass	Pass
	5	Check what happens when submitting special characters or numbers	Either the information should be submitted correctly or an error about incorrect input should appear	The information is submitted correctly	Pass	Pass
	6	Check if private bookmarks show for any account	Private bookmarks should only show to logged in users	Expected	Pass	Pass

Test Scenario	num	Test Case	Expected results		Actual Results	Pass/Fail	Final results
Checking functionality of trying to create already existing bookmark	1	Check response to adding an existing bookmark	A popup message should appear		Error message appears	Pass	Pass
	2	Check if you can close the popup window	You should be able to close the window		It's not a window, but another page that you can easily move to homepage from	Pass	Pass
	3	Check if the link to comment on the bookmarks appears and works	The link should be working		The feature was not implemented		

Test Scenario	num	Test Case	Expected results		Actual Results	Pass/Fail	Final results
Checking mark bookmark feature	1	Check if each bookmark has a number of positive and negative rating	The ranking should appear for all types of account		Expected	Pass	Fail - the feature was removed
	2	Check if each bookmark has an option to mark it as 'good' or 'bad' while being logged in	The bookmarks should all have both options, but only for logged in accounts		Each bookmark has an option to mark it as good	Pass	Fail - the feature was removed
	3	Check if you can rank each bookmark (from all types of account)	You should be able to rank all bookmarks while being logged in		You cannot actually mark the bookmark	Fail	Fail - the feature was removed

Test Scenario	num	Test Case	Expected results		Actual Results	Pass/Fail	Final results
Checking admin bookmark report notification feature	1	Check if admin is getting an notification	Admin should be getting a notification after a bookmark has been reported		Not implemented		Fail
	2	Check if after deleting it the notification it disappears	The notification should disappear		Not implemented		Fail
	3	Check what happen if a notification from same bookmark appears (after and before dismissing the previous one)	A notification should only appear if the previous one has been dismissed		Not implemented		Fail
	4	Check if multiple admin can get a notification	They all should get it but it should disappear upon being dismissed by one of them		Not implemented		Fail

Test Scenario	num	Test Case	Expected results		Actual Results	Pass/Fail	Final results
Checking removing bookmarks feature		Check if admin has an option to remove a bookmark and can successfully do so	An admin should be able to remove a bookmark		Expected	Pass	Pass
		Check if employee or guest has an option to remove a bookmark	User and guest should not be able to remove a bookmark		Expected	Pass	Pass
		Check if the bookmark stays deleted after refreshing the page/logging out	The bookmark should stay deleted		Expected	Pass	Pass

Test Scenario	num	Test Case	Expected results		Actual Results	Pass/Fail	Final results
Checking report bookmarks functionality	1	Check if "report" button appears next to all bookmarks and is functional (on all types of account)	"Report" button should appear and be functional on all types of account		Not implemented		Fail
	2	Check what happens after leaving the report blank	An error message should appear not allowing you to submit the report		Not implemented		Fail
	3	Check what happens after putting in special characters or numbers	The report should send normally or give an error about incorrect input		Not implemented		Fail
	4	Check what happens if the same user tries to report a bookmark again	An error message saying that the bookmark have already been reported should appear		Not implemented		Fail
	5	Check what happens when a different user reports already reported bookmark	An error message saying that they have already reported said bookmark should appear		Not implemented		Fail

Test Scenario	num	Test Case	Expected results		Actual Results	Pass/Fail	Final results
Checking 'favourite' functionality	1	Check if a 'add as favourite' button appears next to each bookmark while being logged in	The button should appear		Expected	Pass	Pass
	2	Check if a 'add as favourite' button appears next to each bookmark as a guest	The button should not appear		Expected	Pass	Pass
	3	Check if you can add bookmarks as favourite	You should be able to do so		Expected	Pass	Pass
	4	Check if after logging in again your favourite bookmarks remain as such	They should remain intact		Expected	Pass	Pass
	5	Check if you can view already favourite bookmarks	You should be able to view them		Expected	Pass	Pass
	6	Check if "add as favourite" button changes into functional "remove from favourite" button after adding a bookmark	The button should change accordingly and be functional		Expected	Pass	Pass

Test Scenario	num	Test Case	Expected results	Actual Results	Pass/Fail	Final results
Checking comment feature	1	Check if there is a working "comment" button next to each bookmark while logged in	There should be a working button for each logged in user	Expected	Pass	Pass
	2	Check if there is a "comment" button next to each bookmark while logged out	There should not be an option to comment on bookmarks	An error occurs after trying to do press the button	Pass	Pass
	3	Check what happens when trying to submit an empty comment	An error message should appear	You are able to submit empty comment	Fail	Fail
	4	Check what happens when trying to submit comment with special characters, numbers and both lower case, capital letters	The comment should be normally submitted or an error message about inappropriate characters should appear	Comments show normally	Pass	Pass
	5	Check what happens when trying to submit multiple comments	Either multiple comment submission should be allowed or it should automatically link you to an edit comment feature	You can submit multiple comments	Pass	Pass
	6	edit/remove comment feature	There should be a functional way to edit and remove your own comments	Expected	Pass	Pass

Test Scenario	num	Test Case	Expected results	Actual Results	Pass/Fail	Final results
Checking remove admin feature	1	Check if 'remove admin rights' button works	The button should work	Expected	Pass	Pass
	2	Check if the user profile works correctly	The profile change to normal user should work properly	Expected	Pass	Pass
	3	Check if the user does not regain admin rights after logging in again	The user should not regain admin rights	Expected	Pass	Pass

Test Scenario	num	Test Case	Expected results	Actual Results	Pass/Fail	Final results
Checking remove employee feature	1	Check if there is an option to remove an employee on each profile (available only to admin)	There should be an option to remove each employee, available only to admins	Feature not added		Fail
	2	Check if the option work	The option should work properly	Feature not added		Fail
	3	Check if removed employee can log in	An error message should appear informing the employee that they have been removed	Feature not added		Fail
	4	Check if employee profile has been updated as removed	The profile should have been updated	Feature not added		Fail
	5	Check if a removed employee can be accepted again	There should be an option to accept the employee again	Feature not added		Fail

Test Scenario	num	Test Case	Expected results	Actual Results	Pass/Fail	Final results
Checking search employee feature	1	Check if 'search for employees' option is available (check for all type of users)	The option should be available only for admins	Expected	Pass	Pass
	2	Check if 'search for employees' option works	The option should work	The search bar locates bookmarks instead	Fail	Fail
	3	Check what happens after leaving the search blank	An error about lack of input should appear	Search bar works only for bookmarks	Fail	Fail
	4	Check what happens after putting in correct employee details	The appropriate employee profile should appear	Search bar works only for bookmarks	Fail	Fail
	5	Check what happens after putting in incorrect employee details	A message about lack of results should appear	Search bar works only for bookmarks	Fail	Fail
	6	Check what happens after putting in special characters	Either an appropriate search result or a message about incorrect input should appear	Search bar works only for bookmarks	Fail	Fail