CN7021

Advanced Software Engineering

Coursework: Final Project Report

Madamz Website

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1. Introduction

The http://www.madamz.co.uk/Madams/ is a website where females can find informations and tips about lifestyle, recipes, health, fashion tips, family counseling and etc.

Nowadays, although there are many websites about almost any issue of daily life, the platforms just for women to make them strong and educated are unfortunately insufficient. There are very few platforms where women can come together to learn various information and meet each other. In our project, we tried to contribute to the solution of this problem.
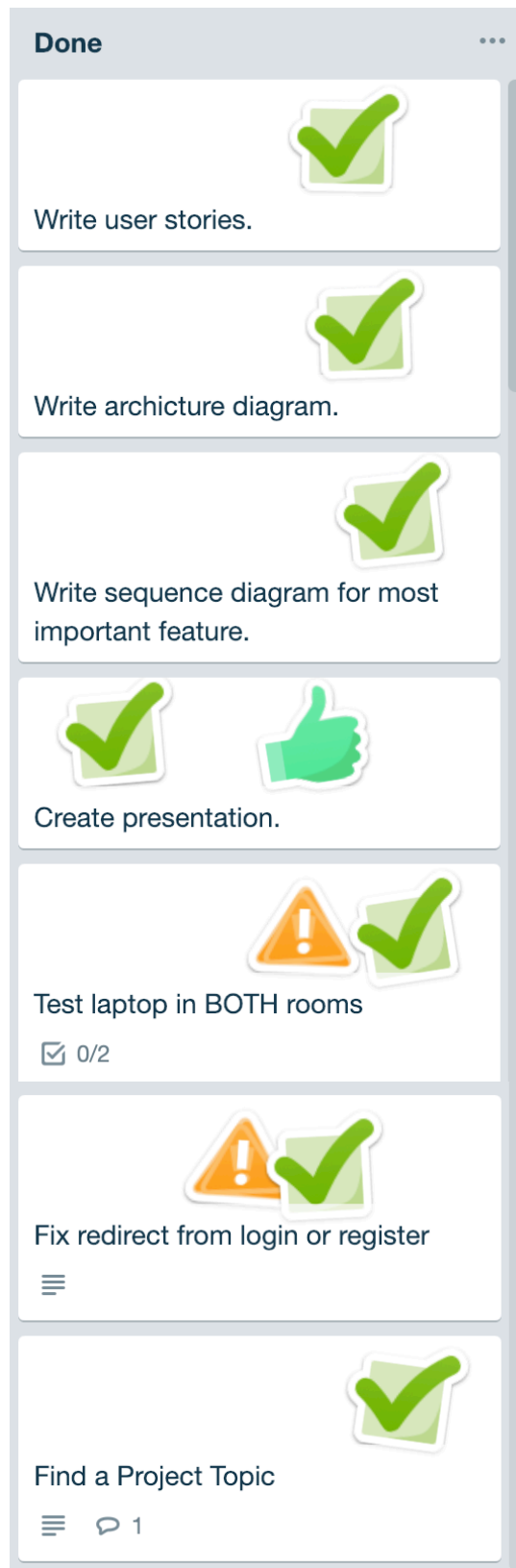
The purpose of this project is to create a platform where women can learn new things, get some advices and information about every aspect of life. This platform can bring all of beautiful, wisdom women together and make them meet with each other.

In the website, there are pages where a user can find recipes, family counselors, some fashions tips with the variety of products. They can sign up to create and log in to reach their own pages. If a guest user or member wants to get an idea about any subject, contact or to just say hello, they can reach the admin from 'Contact Us' page.

In our project, we used HTML, CSS, JavaScript, PHP, PhpMyAdmin Database for the implementation part.
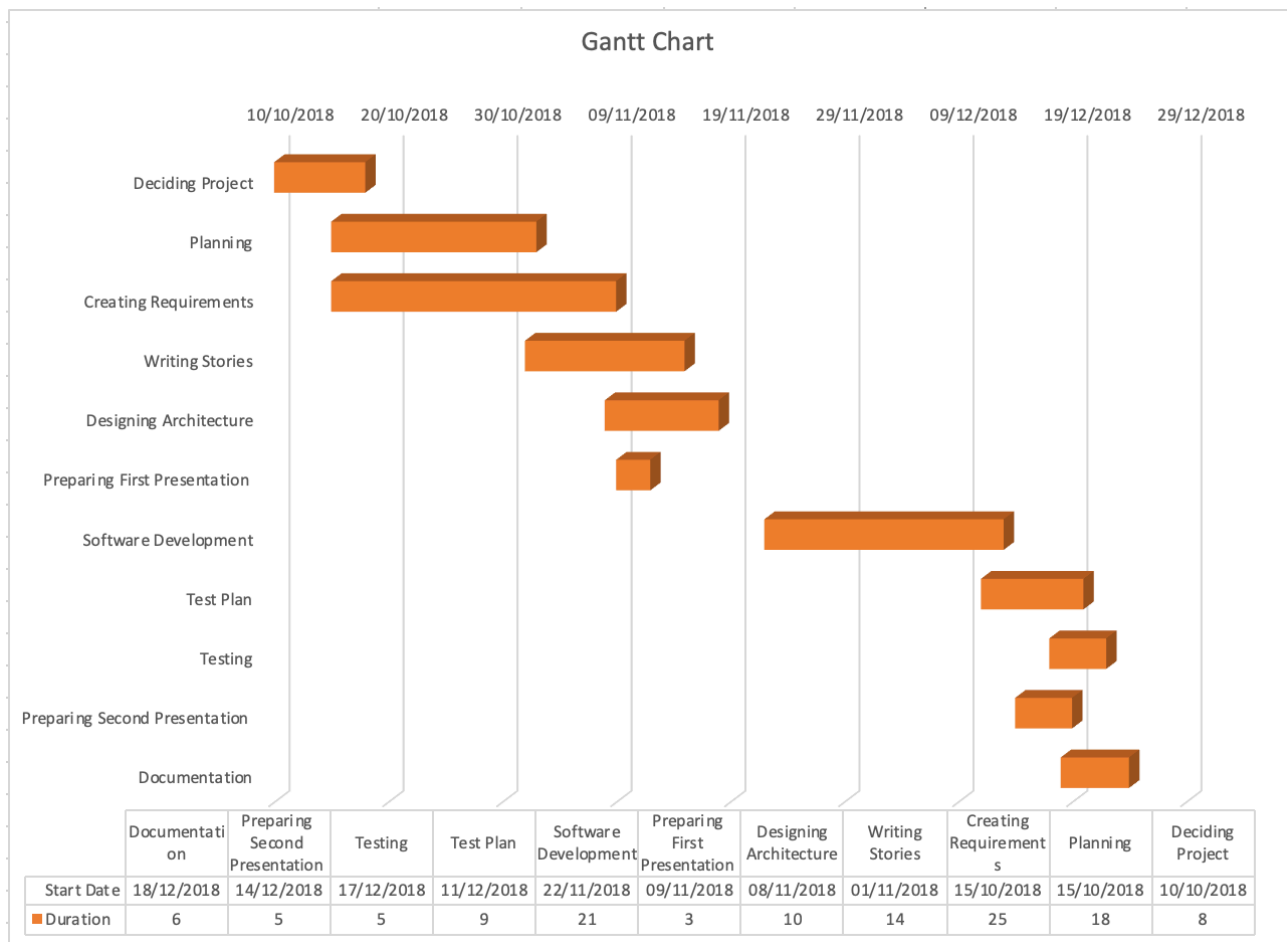
2. Project Plan

We used Trello which is a task management app that gives you a visual overview of what is being worked on to understand the requirements better and show more clearly. Screen shots are shown below of our Trello board with the all stories.

Gantt Chart:

Here is the table and Gantt chart that illustrates our project schedule.

	A	B	C	D	E
1	Task Name	Start Date	End date	Duration	
2	Deciding Project	10/10/2018	18/10/2018	8	
3	Planning	15/10/2018	05/11/2018	18	
4	Creating Requirements	15/10/2018	08/11/2018	25	
5	Writing Stories	01/11/2018	15/11/2018	14	
6	Designing Architecture	08/11/2018	17/11/2018	10	
7	Preparing First Presentation	09/11/2018	12/11/2018	3	
8	Software Development	22/11/2018	18/12/2018	21	
9	Test Plan	11/12/2018	19/12/2018	9	
10	Testing	17/12/2018	22/12/2018	5	
11	Preparing Second Presentation	14/12/2018	18/12/2018	5	
12	Documentation	18/12/2018	23/12/2018	6	
13					

Gantt Chart

	Documentation	Preparing Second Presentation	Testing	Test Plan	Software Development	Preparing First Presentation	Designing Architecture	Writing Stories	Creating Requirements	Planning	Deciding Project
Start Date	18/12/2018	14/12/2018	17/12/2018	11/12/2018	22/11/2018	09/11/2018	08/11/2018	01/11/2018	15/10/2018	15/10/2018	10/10/2018
Duration	6	5	5	9	21	3	10	14	25	18	8

3. Requirements

3.1. Stories

The stories and their status from our Trello board are shown below:

Sign Up

in list Done

LABELS

Story +

Description Edit

As a woman who is interested in some article on madams website,
In order to become a member and get to know about new events,
She wants to sign up.

Scenario:
Go to www.madamz.co.uk/Madams/
Click on the "sign up/login option on the menu
When it pops up, click on the sign in option
Fill in the required details like name, surname, email and password.
After all details have been filled, click on the get started button.

Log In

in list Done

LABELS

Story +

Description Edit

As a woman who is a member of madams website,
In order to reach her own page,
She wants to log in.

Scenario:
Go to www.madamz.co.uk/Madams/
Click on the sign up/log in option on the menu.
Click on log in.
Fills in her email address and password .
And then she clicks on log in option to log into the website.

Contact Us

in list Done

LABELS

Story +

Description Edit

As a woman going through the madams website,
In order to get more information about a particular subject,
She wants to contact with the Madams team.

Scenario:
Go to www.madamz.co.uk/Madams/
Then click on the contact us option in the menu.
Fill in your name, email, address and the subject of your interest
Then click on the submit option below.

⬚ Cooking Recipes

in list Done

LABELS

[Story] [+]

≡ Description Edit

As a new wife,
In order to learn a new recipe for her husband,
She wants to go to website and see the recipes.

Scenario: Go to www.madamz.co.uk/Madams/
Then the website pops up.
Then click cooking recipes section from menu.
Then viewing the recipes using keywords.
Then select the recipe and read the article.

⬚ Child Care

in list Done

LABELS

[Story] [+]

≡ Description Edit

As a working mom,
In order to make working easier,
She wants a childminder.

Scenario:
Go to www.madamz.co.uk/Madams/
Choose options to register.
Then fill in the details of subscription.
Then accept getting the notifications.
Then continue reading articles.

⬚ Fashion and Beauty Tips

in list Done

LABELS

[Story] [+]

≡ Description Edit

As a women going for an event,
In order to be fabulous and fit rightly for the event,
She wants to see some combine advices.

Scenario:
Go to www.madamz.co.uk/Madams/
Then click on the fashion and beauty option in the menu.
Then search for the dresses, shoes and jewellery.
Then she will decide which combine will be perfect for her.

Family Counseling

in list Done

LABELS

Story   +

Description Edit

As a married woman
In order to make her marriage work and seeking a family counsellor
She wants to go to family counseling page to have an idea.

Scenario:
Go to www.madamz.co.uk/Madams/
Clicks family counselling.
Goes through the list of a family counsellor on the page.
Select the counsellor suitable for her case.

Subscription

in list Doing

LABELS

Story   +

Description Edit

As a signed up user
In order to get notifications when the new article is published
She wants to subscribe.

Scenario:
Go to www.madamz.co.uk/Madams/
Then the page will open with an email column.
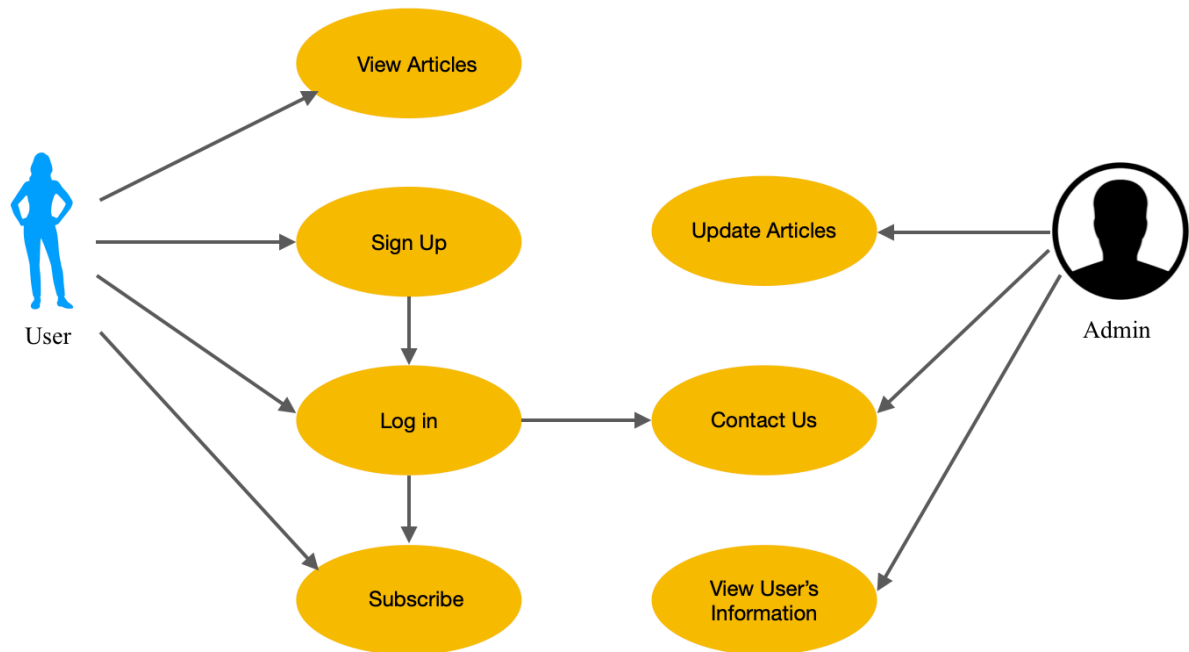Enter the email and click the submit button.
Now user can get notifications and newsletters from admin.

3.2. Use Case Diagram

The figure below illustrates use case diagram for the website www.madamz.co.uk/Madams/. Main actors of the system are admin and user. The user can sign up using her mail. They need to provide a password to access their page in website in future. After signing up, they need to login by using the informations they provided. In the website, users can see different aspects of informations which are related to daily life such as child care, cooking receipes , family counselling, fashion products and etc.

Also, once the users login, they can subscribe the website. This will help them to be updated when the new article is published. User can give their feedback or questions related to the website

using contact us option. An email will be received by admin when a person send their contact us form. Admin can update the website by providing more articles.
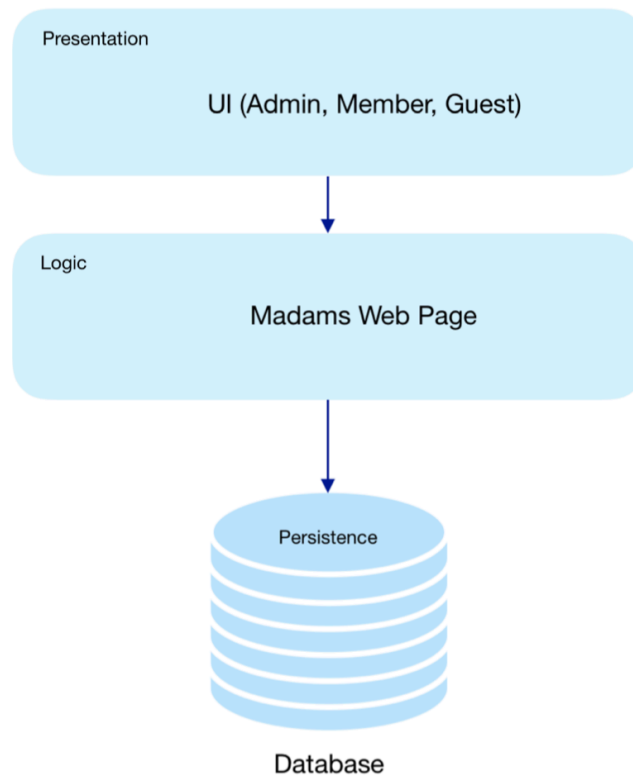

4. Software Architecture

4.1. Component Diagram

The component diagram of our website is shown below. Basically, we have three layers. Those are the presentation layer, logical layer and persistence layer. In design of the component diagram for our web page, in the presentation layer, we have three users which are admin, member and guest. Admin is controlling and managing the website. Member is the one who signed up and can log in to the website. And guest can view our web page and read the articles.
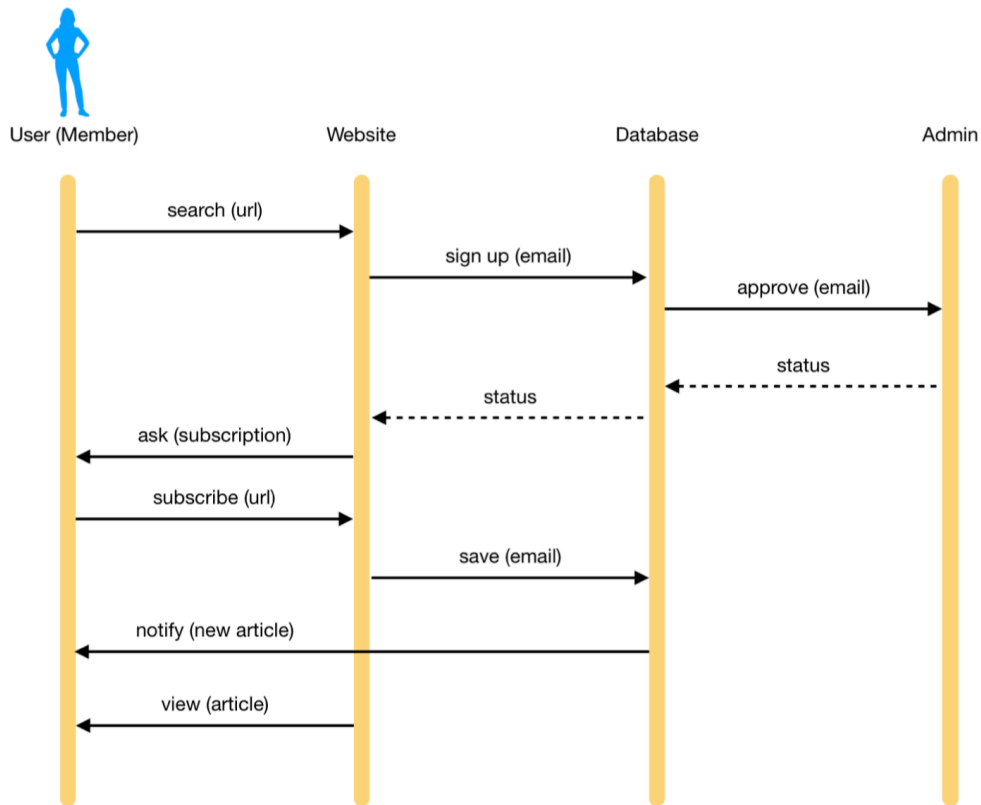
The second layer is the logic layer which has our web page including fashion tips, child care, family counseling and cooking recipes pages that user can get the benefits from. In the third persistence layer, we have database and information of users like email, contact number and etc. who signed up and subscribed to our website. Those informations are stored in database.
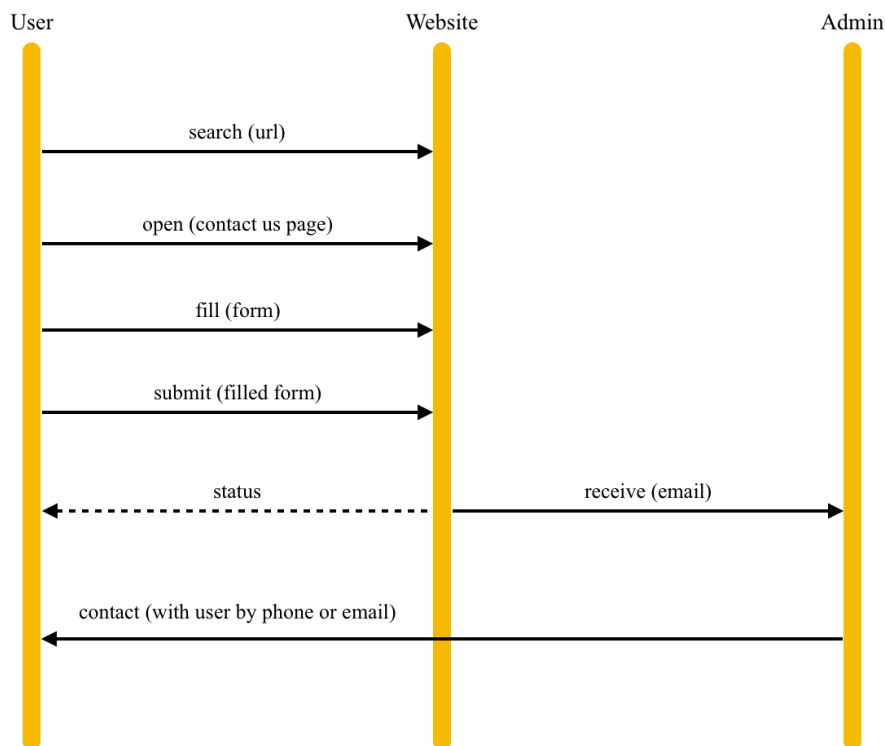
4.2. Sequence Diagrams

The sequence diagrams for our website are shown below. The user can access the website through the URL: www.madamz.co.uk/Madams/. Users can sign up to the website by using their mail address. The mail address and password will be saved in the database. The admin will verify the user by checking the information that is automatically saved into the database. Also, users can subscribe to the website by writing her email address. After subscription, the user will be notified when the new article is published on the website. Therefore, the user can get updated regularly and doesn't miss any information.

The second diagram is for 'contact us' feature. Basically, when the user wants contact to indicate an opinion or wants advice or just to say hello, she can go to contact us page. By filling and sending the form, the admin will receive an email from the website and user will be noticed.

5. Test Plan

The Test results of our website is shown below.

	STEP	TEST STEP	TEST DATA	EXPECTED RESULT	ACTUAL RESULT	STATUS(PASS/FAIL)
PROJECT NAME: MADAMZ.CO.UK/MADAMS/						
DESCRIPTION: TEST THE MENU ON THE WEB PAGE						
1	SEARCH FOR WEBSITE ON THE BROWSER	www.madamz.co.uk/Madams/	page is excepted to open and show the home page	page opened and showed the home page	pass
2	CLICK ON THE RECIPE MENU		page is excepted to open and show two different receipes of "chocolate cake and "spaghetti bologonese"	page opened and showed two different receipes of "chocolate cake and spaghetti bologonese"	pass
3	CLICK ON BACK KEY TO SEE IF PAGE GOES BACK		Pge is excepted to go back to previous page	page went back to previous page	pass
4	CLICK ON CHILD CARE MENU		Page is expected to open and show list of various nannies	page opened and showed list of various nannies	pass
5	CLICK ON BACK KEY TO SEE IF PAGE GOES BACK TO PREVIOUS PAGE		Page is expected to go back to previous page	page went back to previous page	pass
6	CLICK ON FASHION TIPS MENU		Page is expected to open and show various fashion tips	page opened and showed list of various fashion tips	pass
7	CLICK ON BACK KEY TO CHECK IF PAGE GOES BACK TO PREVIOUS PAGE		Page is expected to go back to previous page	page went back to previous page	pass
8	CLICK ONFAMILY COUNSELING MENU		Page is expected to open and show list of various family counselors	page opened and showed a list of various family counselors	pass
9	CLICK ON BACK KEY TO CHECK IF PAGE GOES BACK TO PREVIOUS PAGE		Page is expected to go back to previous page.	page went back to previous page	pass
10	CLICK ON CONTACT US MENU		Page is expected to show a form for details	page opened and showed a form for details	pass
11	FILL DETAILS WITH VALID EMAIL AND SUBMIT		Details are expected to be submitted	details submitted	pass
12	FILL DETAILS WITH WRONG PASSWORD		Not expected to submit, get and error message	not submitted and error message gotten	pass
13	CLICK ON SIGN UP OR LOG IN MENU		Page is expected to show forms for details to be filled	page doesn't show forms for details to be filled	Failed

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6. References

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