

Codecrypt

Sprint 2

❖ Team Members:

Anusha Dasari

Aasma Alghamdi

Brijesh Bhuva

Doshna Umma Reddy

Kajal pinjar devalapur

Pallavi Prakash Sapale

Priyal Shah

❖ USER STORIES (Sprint 2)

1. **Implementing Caesar cipher**

Implementing Caesar Cipher for encryption and decryption of text messages

2. **Implementing Vigenère cipher**

Implementing Vigenère cipher for encryption and decryption of text messages

3. **Enter text**

The text box will take a message from the user and that message will be encrypted based on the selected encryption technique.

4. **View dashboard/edit**

The dashboard will give an option to the user to delete the Codecrypt account and see the history of the ciphers they have used along with the cipher text and plain text but no key is stored or displayed.

5. **Display cipher-text and store in DB**

The user can view the previously encrypted messages which are stored in a database

❖ SCRUM MEETINGS/DISCUSSION

Scrum meeting photos shared here :

<https://photos.app.goo.gl/nhS7vtAFMnkcExnZ6>

❖ CODE INTEGRATION & TEST CASES:

- selenium and mocha used for the testing

```
Ceaser Cipher test
```

```
✓ does encryption ok  
✓ does Dicription ok  
✓ does Encryption ok  
✓ does Dicryption ok
```

```
4 passing (16ms)
```

```
Priyals-MacBook-Pro:test sPriyal$ █
```

```
Vigner test
```

```
✓ does encryption ok  
✓ does Dicription ok  
✓ does Encryption ok  
✓ does Dicryption ok
```

```
4 passing (16ms)
```

❖ SPRINT USER REVIEW:(5 users)

User created a profile by entering the unique username, unique password and email address. The user is automatically logged into the application and the details are stored into the database. The user logs out and goes to home page. To login, user enters the registered username and password. On click of the submit button, the credentials are validated with the details in the database. The profile is generated. User Encrypted and decrypted the text with caesar cipher with key (Number) and was able to get the original entered text.

We have five users for sprint 2 which are shown below. Product owner (Brijesh) and scrum master (Kajal) was present at the time of user review.

1. **Name:** Akshay Pawar



2. **Name:** Nikhil



3. **Name** : Kevin Muga



4. **Name** : Varun



5. **Name** : Raunak Sunder



❖ **Summary of User feedback :**

- Easy to use User Interface
- Interesting application for encryption and decryption of text
- Liked the feasibility of using the encryption and decryption functionality without logging-in
- Suggestion to add remember me option when logging-in
- Liked the image and the color themes, apt for the title Codecrypt
- The steps to encrypt and decrypt the text were very clear from the application
- User needs platform for sharing the encrypted text such as twitter, facebook (social media) etc

❖ **SUMMARY OF EACH PERSON'S CONTRIBUTION TO SPRINT #2:**

Brijesh (Product Owner):

- Finalized Product Backlog
- Conducted Sprint Review with the user
- Collected user feedback

Kajal (Scrum Master):

- Worked with Product owner to finalize Sprint 2 user stories
- Conducted daily scrum and Sprint Retrospective
- Managed Trello Dashboard for the Sprint 2 user stories and sub tasks
- Collected user feedback

Anusha & Asma(Code /QA/Test cases):

- Implementation of caesar cipher encryption
- Implementation of caesar cipher decryption
- Testing the application

Doshna & Pallavi(Code / QA / Test cases):

- Sign up functionality and test cases
- Implementation of Vigenère cipher decryption
- Connecting with database

Priyal (Code / QA / Test cases):

- Implementation of Vigenère cipher encryption
- Code integration and test cases
- Testing of caesar and vinegar cipher
- Updated the web pages on server

❖ Sprint Retrospective:



Date: Nov 9th, 2018

Attendees:

- Anusha Dasari
- Aasma Alghamdi
- Brijesh Bhuva
- Doshna Umma Reddy
- Kajal pinjar devalapur
- Pallavi Prakash Sapale
- Priyal Shah

❖ **Sprint 2 Process Improvements and weaknesses :**

- We completed all the deliverables
- This time we did not extend the scrum meetings beyond 15 min
- Team is more comfortable with technology now than Sprint 1.
- As per user suggestion we will add the remember me option while logging-in
- The discussions were more interactive and thoughtful than Sprint 1.
- More attention was paid to the functionalities as more users were going to access the application at the end of this Sprint as compared to the last Sprint