



Continuing Education Program
Center for Computing and Information Technology
Fakultas Teknik Universitas Indonesia

GoldenPad

Group

Names : Ahmad Haydar Ardabell
Nurul Amalla azza

Class : 4SC1

CEP CCIT
FAKULTAS TEKNIK UNIVERSITAS INDONESIA
2019

PROJECT ON

Goldenpad

Developed By

- 1. Ahmad Haydar Ardabell**
- 2. Nurul Amalla Azza**

The logo for NIIT (National Institute of Information Technology) is displayed in a bold, blue, sans-serif font. The letters are thick and blocky, with a slight shadow effect behind them.

GoldenPad

Batch Code : 4SC1

Start Date : June 21, 2019

End Date : July 4, 2019

Name of Faculty : Indah Ayu Yuliani, ST, MM

Name of Developer :

1. Ahmad Haydar Ardabell
2. Nurul Amalla Azza

Date of Submission : July 5, 2019



CERTIFICATE

This is to certify that this report titled “GoldenPad” embodies the original work done by Ahmad Haydar Ardabell and Nurul Amalla Azza. Project in partial fulfillment of their course requirement at NIIT.

Coordinator :

Indah Ayu Yuliani, ST, MM

ACKNOWLEDGEMENT

We have benefited a lot from the feedback and suggestion given to us by Ms. Indah Ayu Yuliani, ST, MM and other faculty members.

SYSTEM ANALYSIS

System Summary :

GoldenPad is a Website that created using JSP, Javascript, Firebase API as a Database, Google API and using Google App Engine to upload the Website. GoldenPad also created in Android using Android Studio and Firebase as a Database. Goldenpad is a website that allows users to read or send something in the form of articles, short stories, poems, comment, or the like. Each article in Goldenpad is categorized by its own genre so that it makes it easier for users of this application.

Goldenpad is web for read and write story based on the administrator filter system. Story that user publish is not published automatically to the web, but admin will filter which story will publish and not, because such story has a negative content.

INTRODUCTION

Goldenpad is a website to read and write story. To do such thing, user should login with gmail. User that have been login will have benefit to write story, and that story can be read by Goldenpad user's. Goldenpad also have genre to filter story based to genre's story.

Goldenpad dashboard is website to manage the story of Goldenpad website. The story will be filtering based to the good content and not allowing the negative content to be published.

DESIGN OF APPS (Website)

Activity to make this Website :

1. Creating a Project in Eclipse that connected to Google App Engine
2. Creating Firebase Database
3. Creating Dashboard, CRUD function that connected to firebase using Firebase API and implementation of session (Back end)
4. Creating Frontend, Make Google Login using Google API and Retrieve Review data from Database to Frontend
5. Deploy Web to Google App Engine

DESIGN OF APPS (Android Apps)

Activity to make this Android Apps :

1. Creating a project in Android Studio and connect it to Firebase
2. Creating all layout in Android Studio include fragment, recycle view and side drawer
3. Add CRUD function that connected to Firebase and implementation of session
4. Add search, sort function and comment function that connected to Firebase

FUNCTIONALITY TESTING (BLACK BOX)

This test is carried out using the black box approach. This test does not test the design and coding of the program, but this test looks at whether the function command is running according to the initial design of the development. This test only assesses based on the appearance that appears from a function command.

Tests are carried out manually by running each function command contained in the software. Information from the command results is also checked whether the information that appears is in accordance with the desired information. The first step is to compile a list of all the functions contained in the software and then run them one by one. The results of this test indicate whether the software has met the user's needs.

The results of testing functionality can be seen in the following table:

No	Activity/Menu	Scenario Test	Expected Result	Result
Website				
1	Open Website	Open URL Website	Show Home Page and show list of story	Yes
2	Login User	Click Google Login and choose user email	Show Home Page with session implemented and show list of story	Yes
3	Home Page	Open Home Page through link home.jsp	Show Home Page and show list of story	Yes
4	Genre	Open Genre Page through link genre.jsp	Show Genre Page and show list of genre	Yes

FUNCTIONALITY TESTING (BLACK BOX)

		Switch genre tab to Action	Show list of story with action genre	Yes
		Switch genre tab to Adventure	Show list of story with adventure genre	Yes
		Switch genre tab to Comedy	Show list of story with comedy genre	Yes
		Switch genre tab to Fantasy	Show list of story with fantasy genre	Yes
		Switch genre tab to Horror	Show list of with horror genre	Yes
		Switch genre tab to Mystery	Show list of story with mystery genre	Yes
		Switch genre tab to Romance	Show list of story with romance genre	Yes
5	About us	Open about Us Page through link aboutus. jsp	Show about us Page and show information about goldenpad	Yes
6	Profile	Open Profile Page through link profile.jsp	Show Profile Page and show name of gmail and logout button	Yes

FUNCTIONALITY TESTING (BLACK BOX)

7	My Story	Open My Story Page through mystory.jsp	Show My Story Page and show list of my story	Yes
8	New Story	Input Story	Show New story Page and show form for input new story	Yes
9	Logout User	Click Logout on user name dropdown in menu	Will redirected to Login User and clear the session	Yes
10	Search	Click Search Logo in menu and input search title	Show list of story based on input search title	Yes
11	Story Detail	Click one of the many story from story list	Will redirected to Content Page and show all of the detail about the story user choose	Yes
12	Login Admin	Open Login Admin Page and input email and password	Show Dashboard with session implemented	Yes
13	Dashboard	Manage story list	Story List can be Added, Changed and Deleted	Yes
		Manage Comment List	Comment List can be Deleted	Yes
		Register new Admin	Create New Admin	Yes
		Manage Log User List	Log User List can be Deleted	Yes

FUNCTIONALITY TESTING (BLACK BOX)

14	Admin	Manage Admin	Add new user as web admin	Yes
15	Logout Admin	Click Logout on dashboard menu	Will redirected to Login Admin and clear the session	Yes
Android Apps				
16	Open App / Home	Open App	Show list of story with publish status	Yes
17	Login	Click Google Login and choose user email	Show Home with session implemented and show list of story	Yes
18	My story	Tap Profile Logo on Main menu	Show list of My Story with	Yes
19	Following Story	Tap Star Logo on Main menu	Show list of Following story	Yes
20	New Story	Tap Plus Logo on Main menu	Show the form for input new story	Yes

FUNCTIONALITY TESTING (BLACK BOX)

22	Search	Tap Search Option and input search title	Show list of Story based on input search title and genre. And show list of user that you can follow	Yes
25	Logout	Tap Logout on Side Drawer	Will redirected to Login and clear the session	Yes
26	Story Detail	Click one of the many story from story list	Will redirected to Story Detail and show all of the detail about the story user choose	Yes

FUNCTIONALITY TESTING (BLACK BOX)

27	Comment	Write the comment in the story detail	Will appear alert “Thanks for your comment” and redirected to Story Detail of that story	Yes
28	Show Comment	Tap Story Detail and comment will show in low part	Show list of the comment about that story	Yes

From the test results obtained:

- *Eligibility Percentage Website* = $25/25 \times 100\% = 100\%$, so the website gets a functional feasibility value of 100%. From this result, then converted with a reference table for value conversion according to Bloom, the software gets a good predicate.
- *Eligibility Percentage Android Apps* = $21/21 \times 100\% = 100\%$, so the android apps gets a functional feasibility value of 100%. From this result, then converted with a reference table for value conversion according to Bloom, the software gets a good predicate.
- *Eligibility Percentage Total* = $46/46 \times 100\% = 100\%$, so the software gets a functional feasibility value of 100%. From this result, then converted with a reference table for value conversion according to Bloom, the software gets a good predicate.

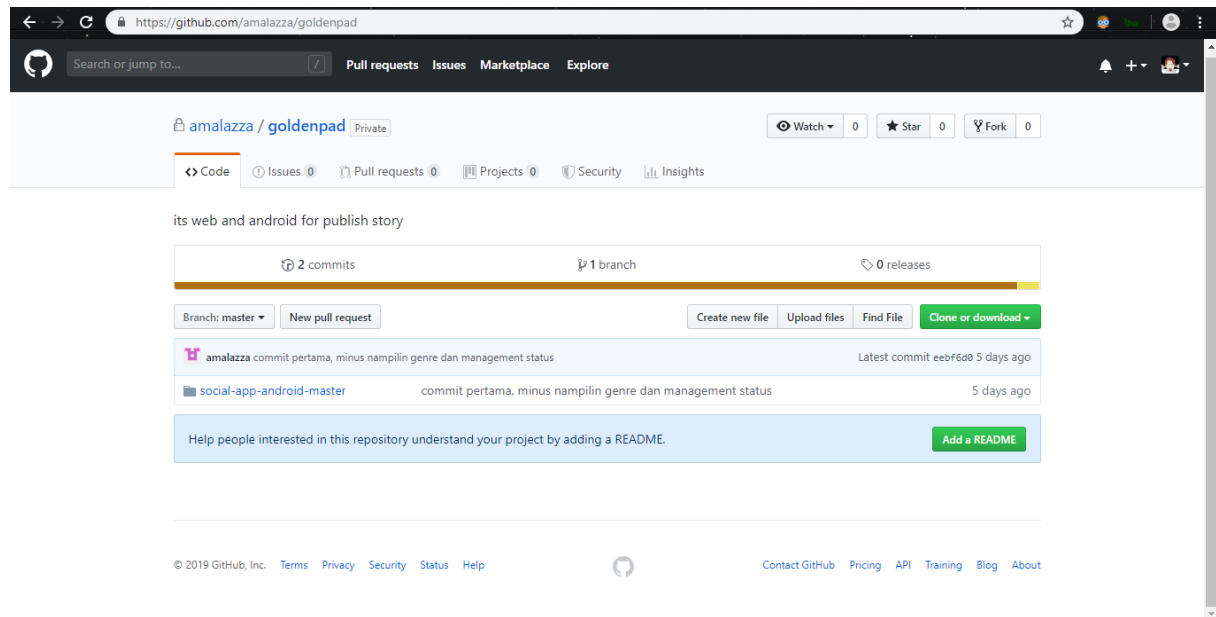
IMPLEMENTATION ON GITHUB

GoldenPad is also integrated with Github to store a project in the repository. The main reason using repository is to make a backup in case the data is missing. But GoldenPad not only uses Git for that reason because the other purpose is that collaborators can still work without having to wait for each other's work.

Below is the result of implementing GoldenPad on Github.

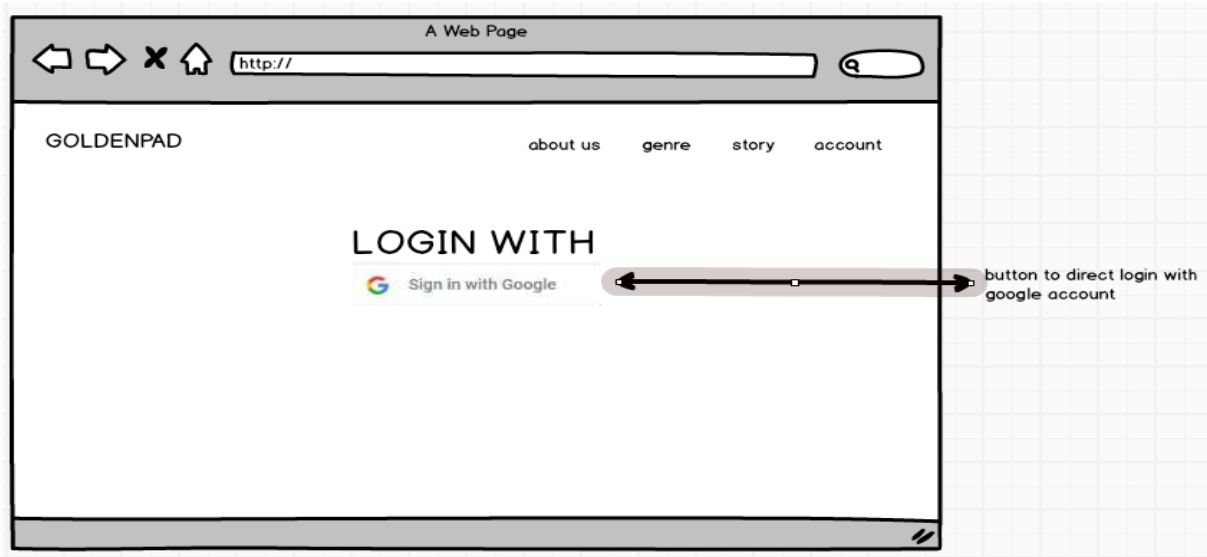
IMPLEMENTATION ON GITHUB

Goldenpad has 2 collaborators working with each other to create this project.

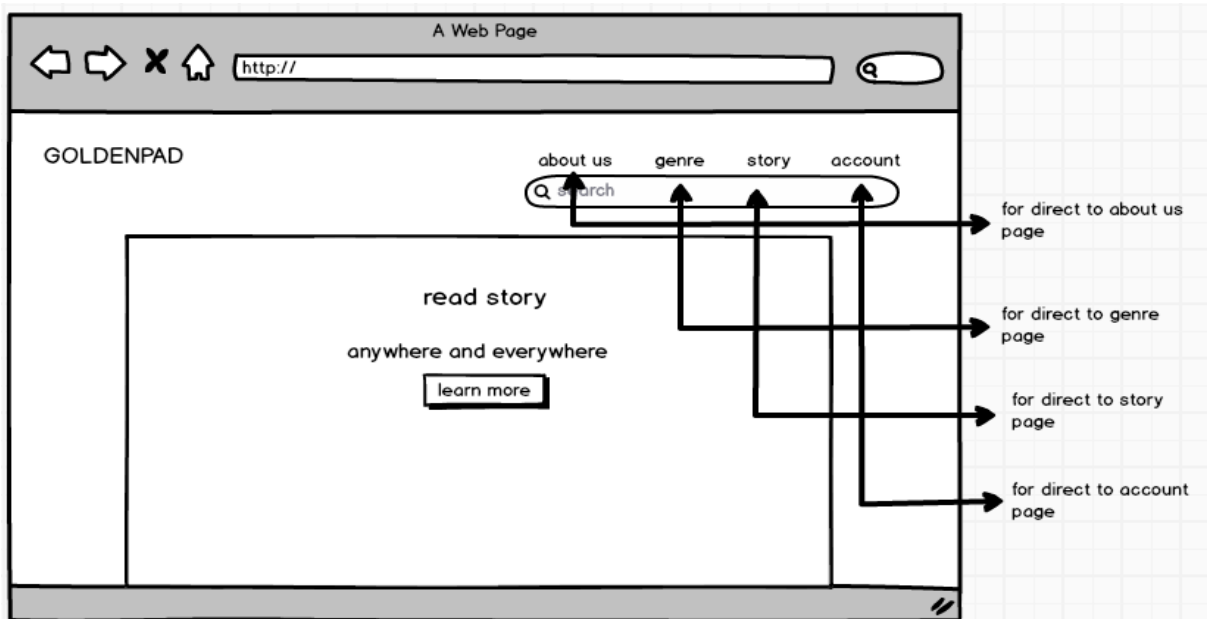


DESIGN INTERFACE

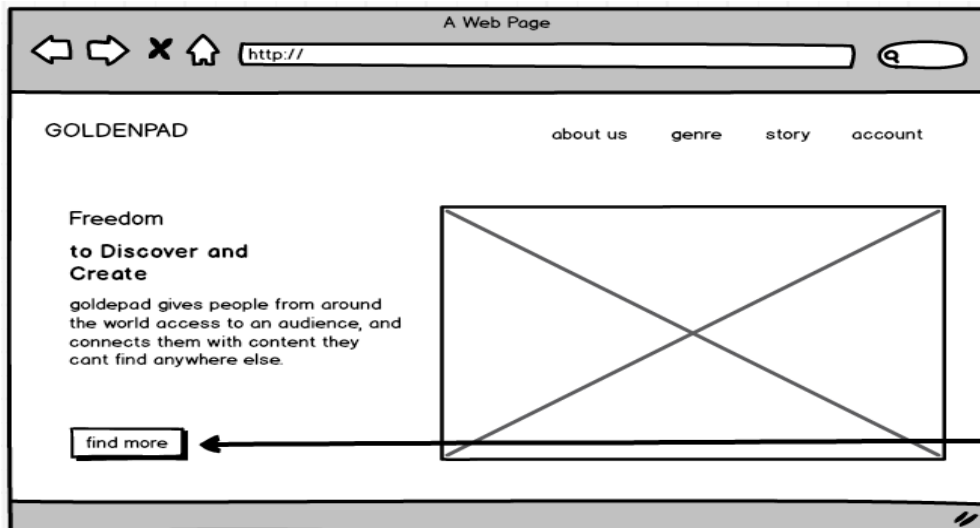
Login Page



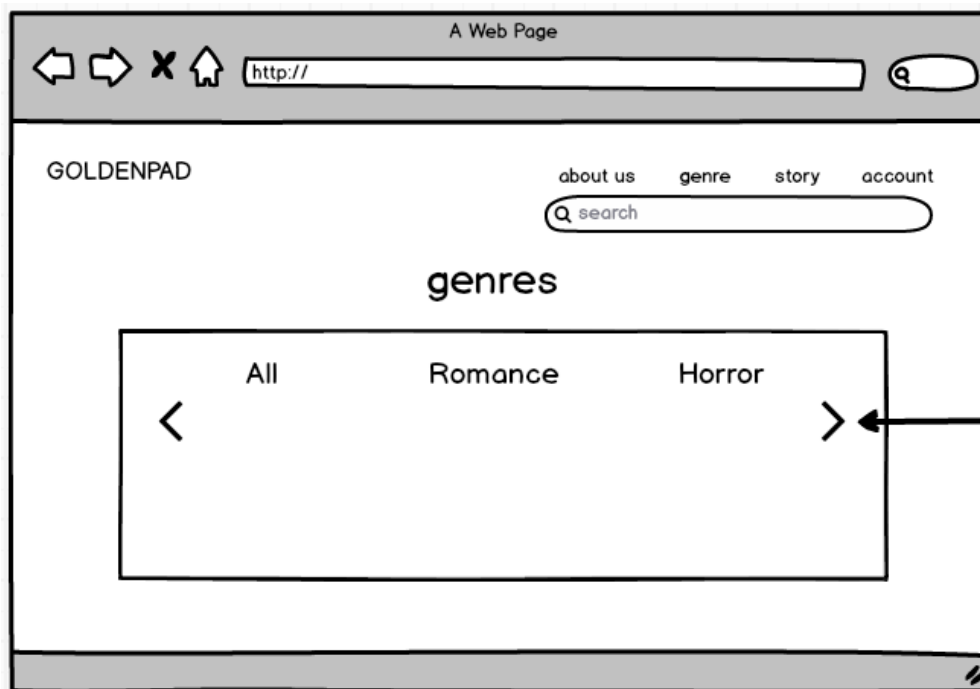
Home Page



DESIGN INTERFACE

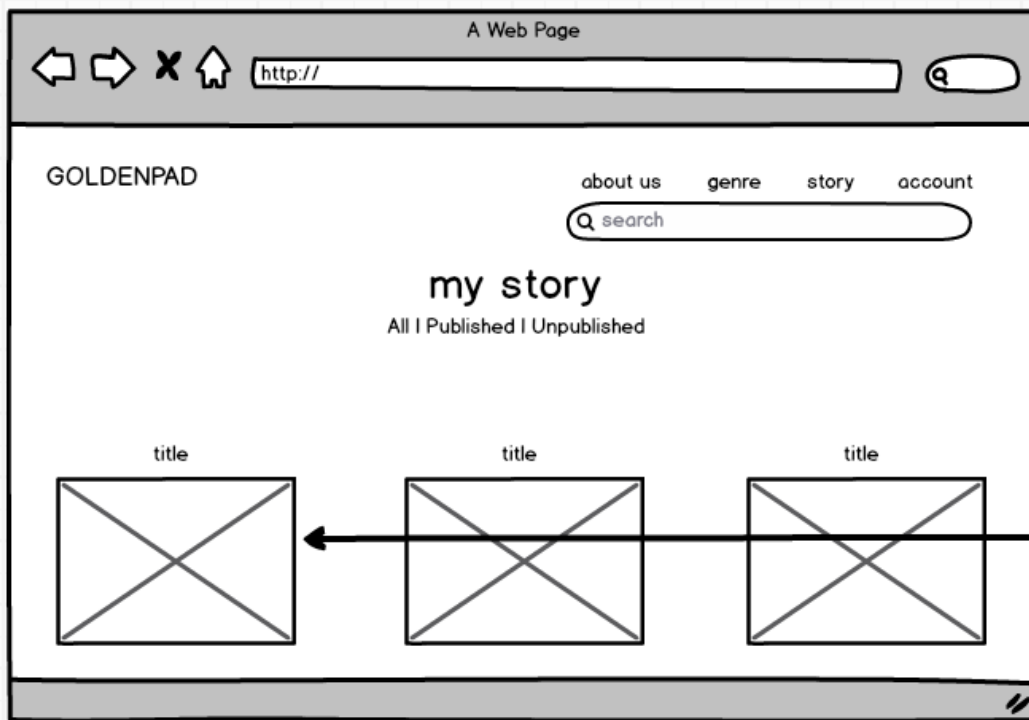


About us Pages



Genre page

DESIGN INTERFACE

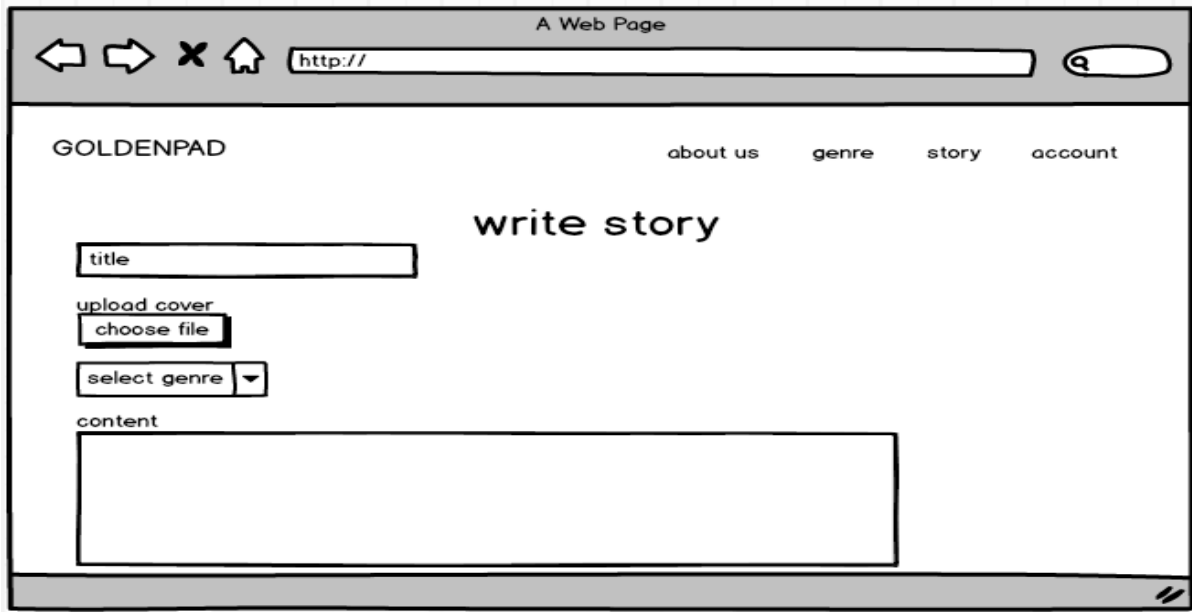


Story page



Account page

DESIGN INTERFACE



A Web Page

← → × 🏠 http:// 🔍

GOLDENPAD about us genre story account

write story

title

upload cover
choose file

select genre

content

Write story page



A Web Page

← → × 🏠 http:// 🔍

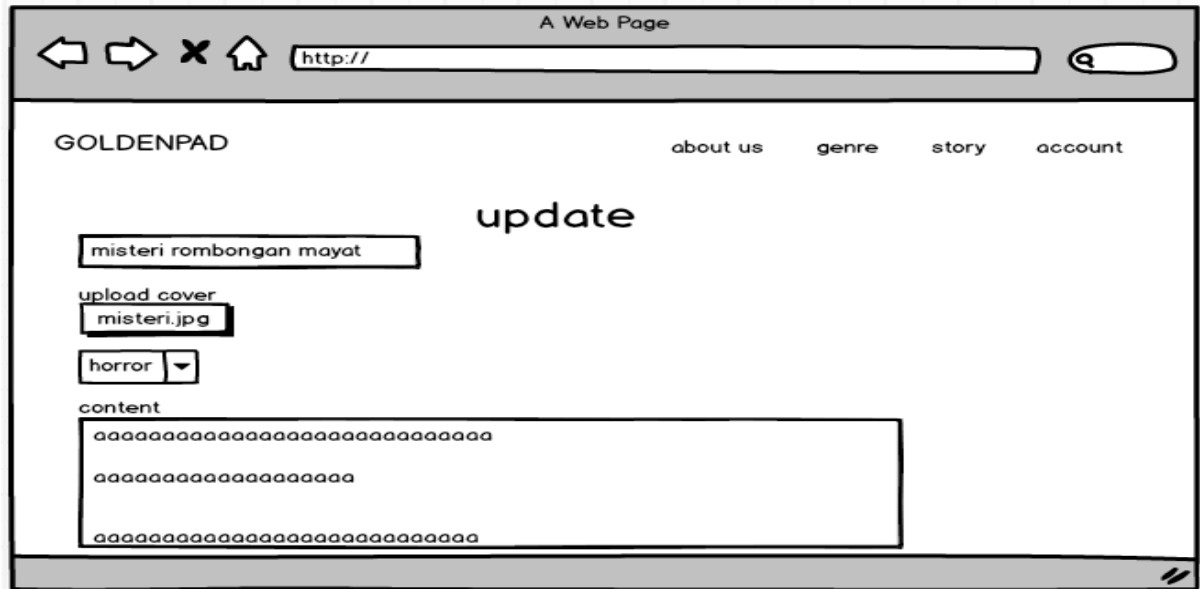
GOLDENPAD about us genre story account

Gelang Giok

By: dinaaza8@gmail.com | Genre: Fantasy | Updated: 20 jun 19 08:19 | 2 views

View story page

DESIGN INTERFACE



A Web Page

← → × 🏠 http:// 🔍

GOLDENPAD about us genre story account

update

misteri rombongan mayat

upload cover
misteri.jpg

horror ▾

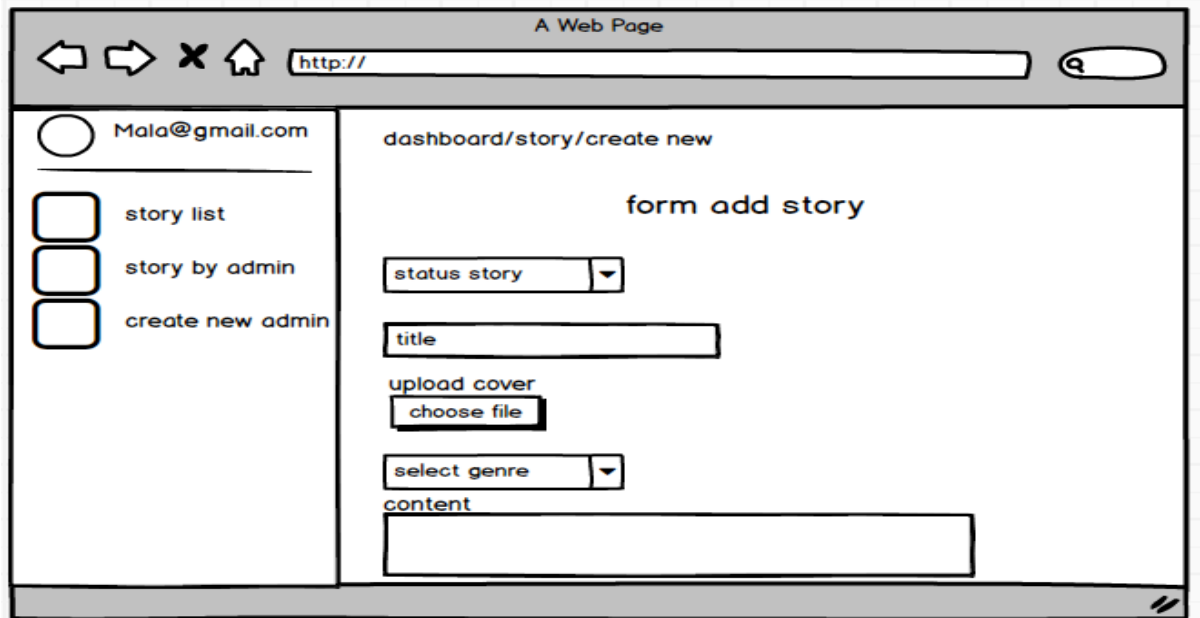
content

aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa

aaaaaaaaaaaaaaaaaaaaaaaaaaaaaa

aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa

Update story page



A Web Page

← → × 🏠 http:// 🔍

👤 Mala@gmail.com

☐ story list

☐ story by admin

☐ create new admin

dashboard/story/create new

form add story

status story ▾

title

upload cover
choose file

select genre ▾

content

Form add story page

DESIGN INTERFACE

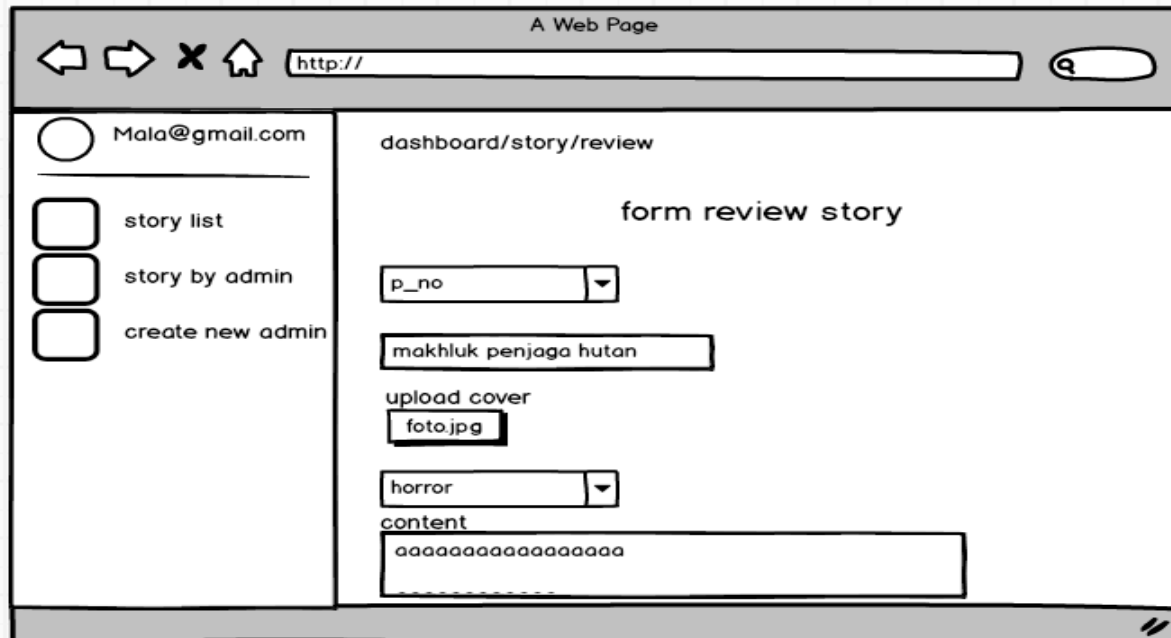
A hand-drawn wireframe of a web browser window titled "A Web Page". The browser's address bar contains "http://". The main content area of the browser displays the text "GOLDENPAD" in a large, bold font. Below this text are two input fields, one labeled "EMAIL" and one labeled "PASSWORD". Below the input fields is a button labeled "login as admin". An arrow points from the text "button for login" on the right to the "login as admin" button.

Login admin page

A hand-drawn wireframe of a web browser window titled "A Web Page". The browser's address bar contains "http://". The main content area of the browser displays the text "GOLDENPAD" in a large, bold font, followed by the text "register admin" in a smaller font. Below this text is a rectangular box containing two input fields, one labeled "EMAIL" and one labeled "PASSWORD". Below the input fields is a button labeled "submit".

Register admin page

DESIGN INTERFACE



A Web Page

← → × 🏠 http:// 🔍

Mala@gmail.com

story list

story by admin

create new admin

dashboard/story/review

form review story

p_no

makhluk penjaga hutan

upload cover

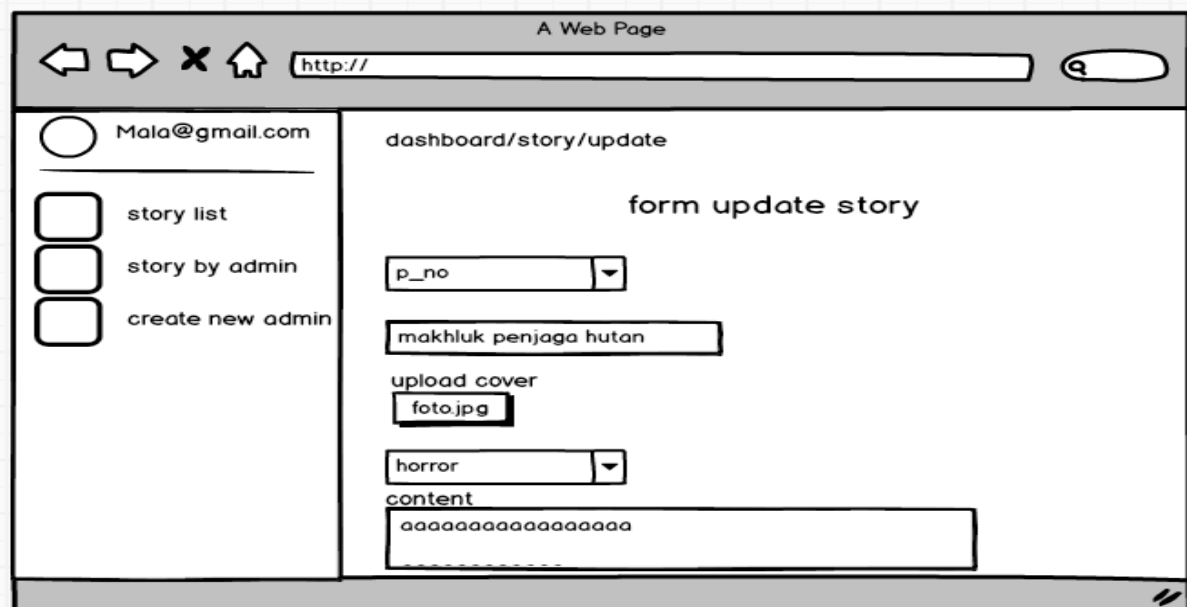
foto.jpg

horror

content

aaaaaaaaaaaaaaaaaaaa

Form review page



A Web Page

← → × 🏠 http:// 🔍

Mala@gmail.com

story list

story by admin

create new admin

dashboard/story/update

form update story

p_no

makhluk penjaga hutan

upload cover

foto.jpg

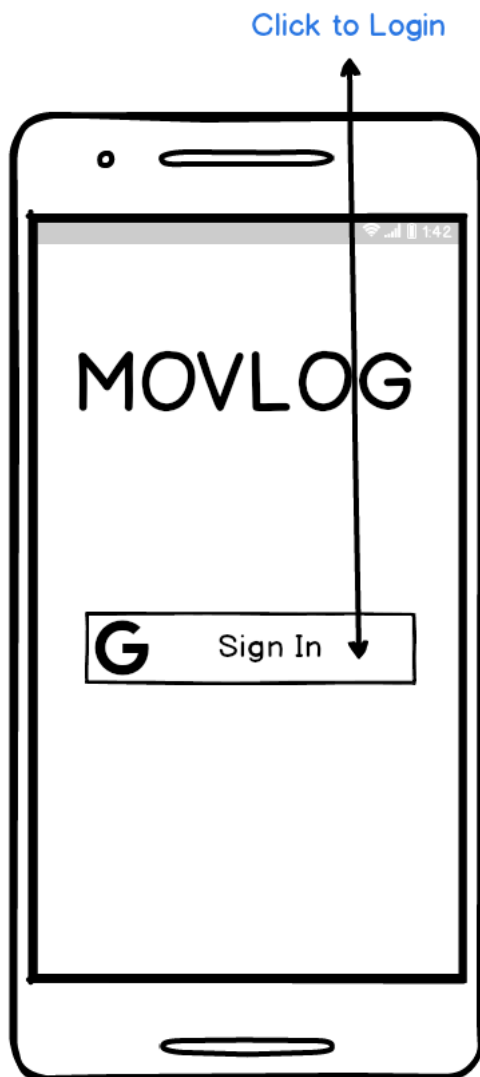
horror

content

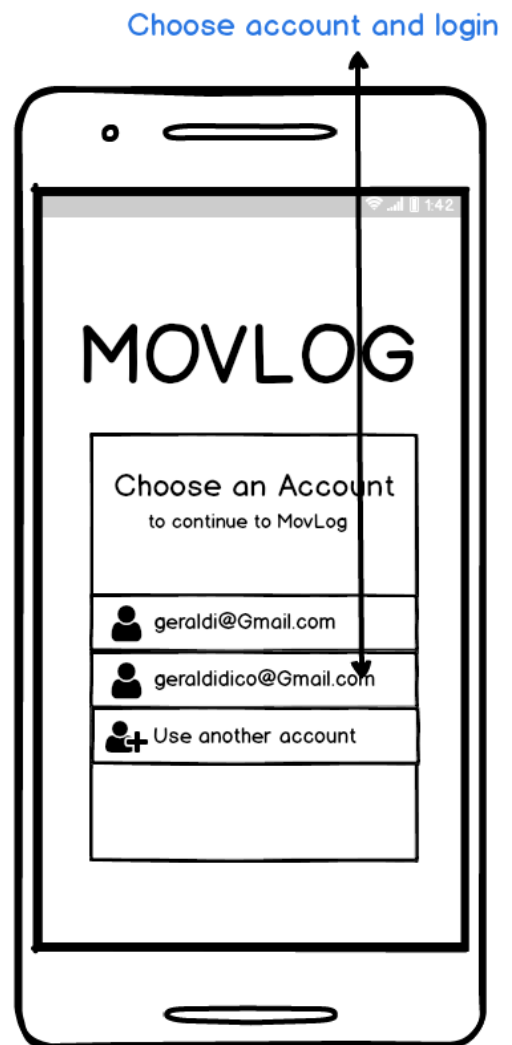
aaaaaaaaaaaaaaaaaaaa

Form update story page

DESIGN INTERFACE (Android App)

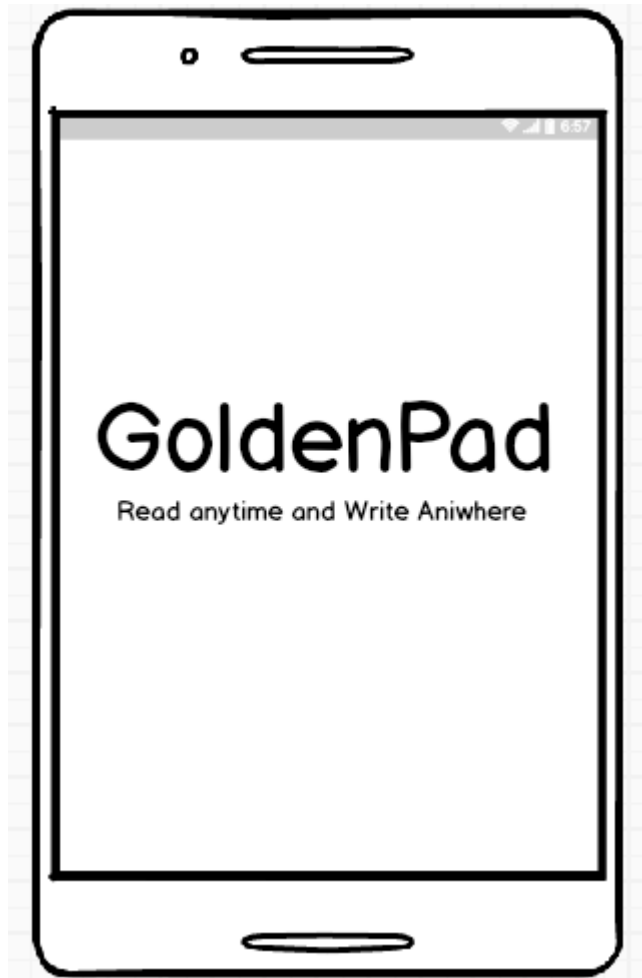


Login Page



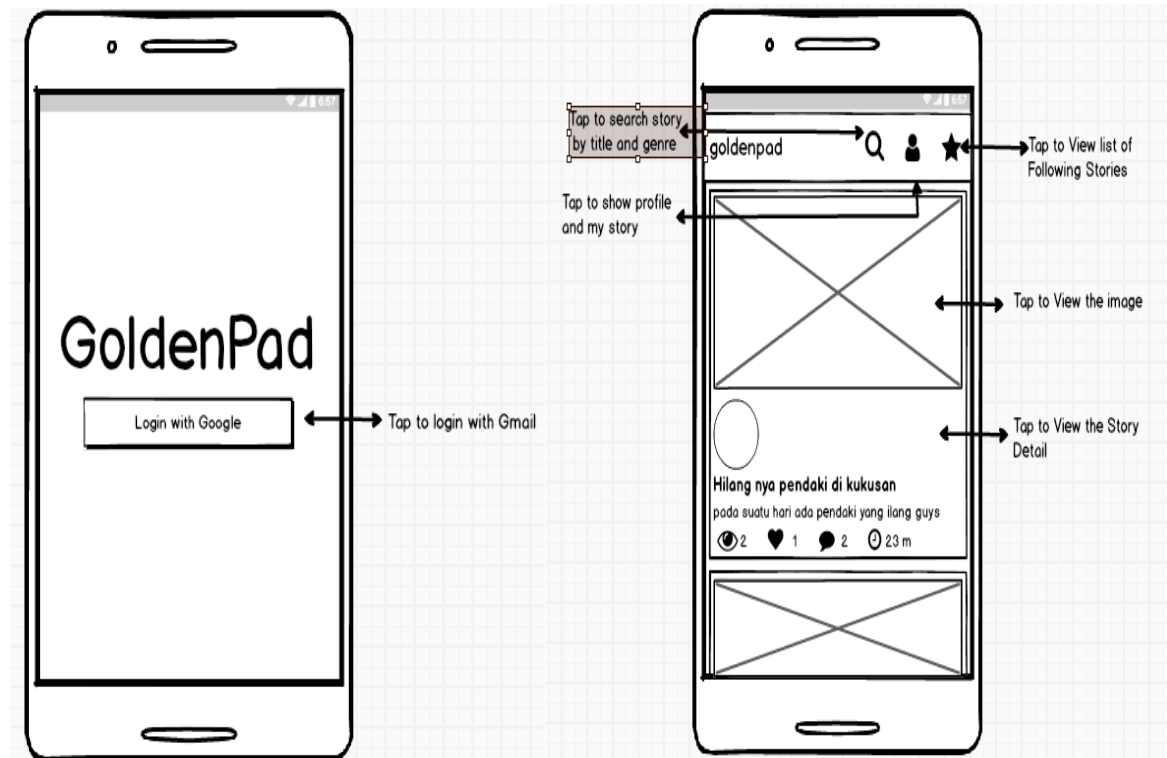
Login Choose Page

DESIGN INTERFACE (Android App)



Splash Screen

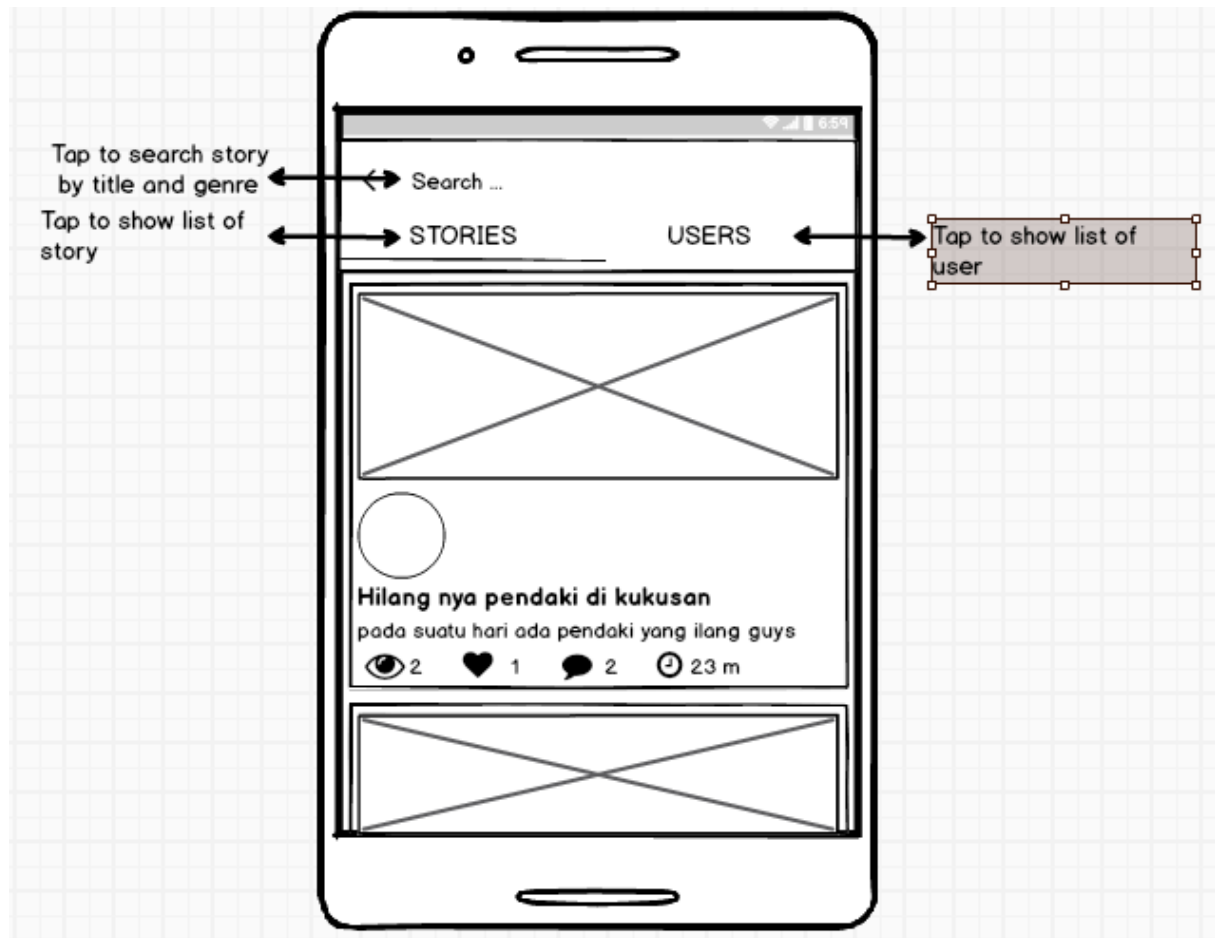
DESIGN INTERFACE (Android App)



Login Page

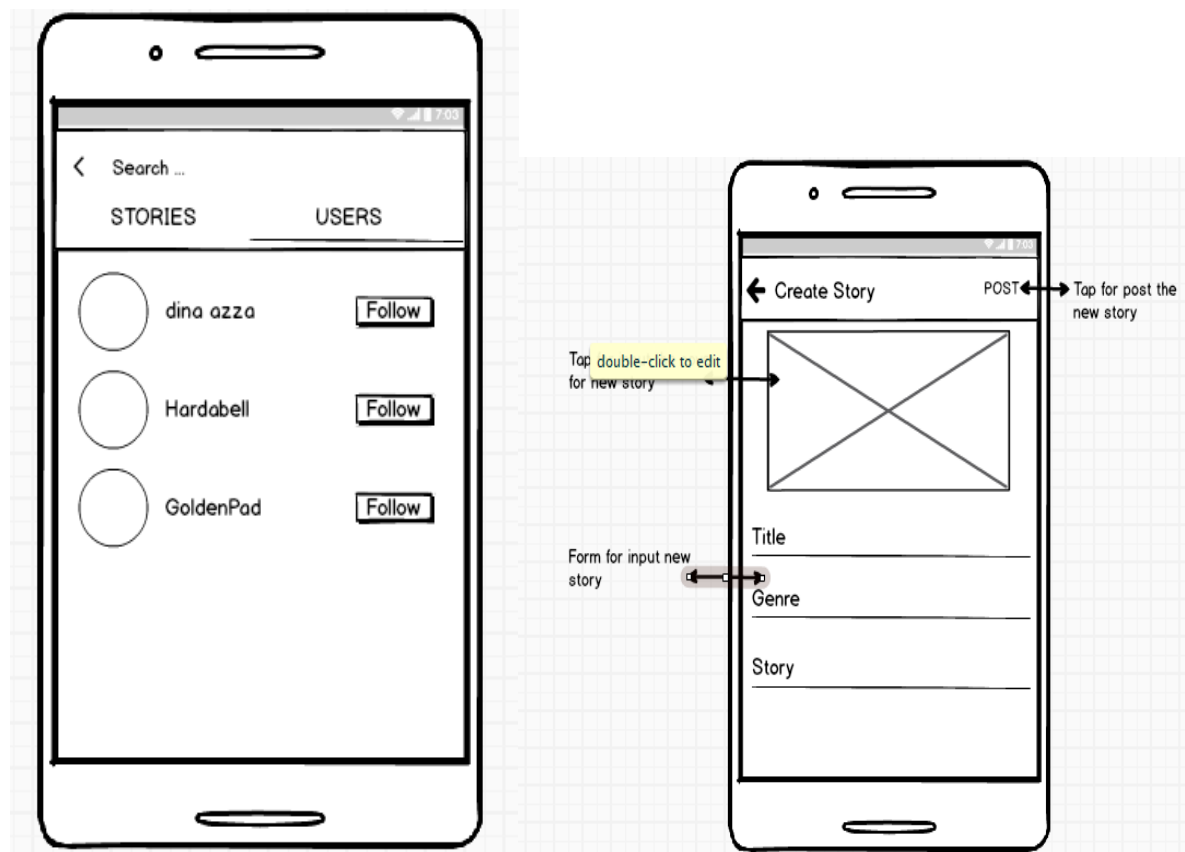
Home Page

DESIGN INTERFACE (Android App)



Search page

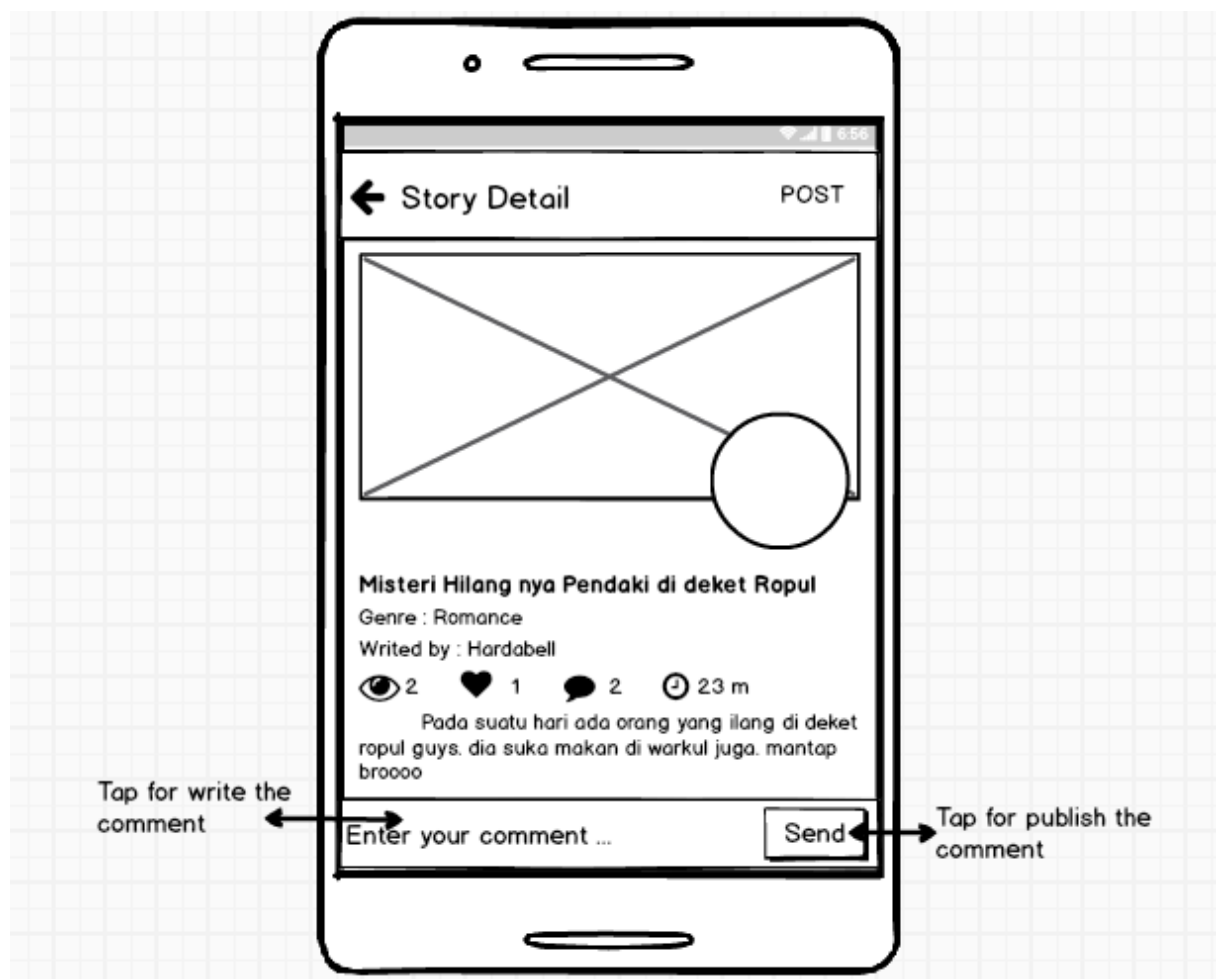
DESIGN INTERFACE (Android App)



All User Page

Create Story Page

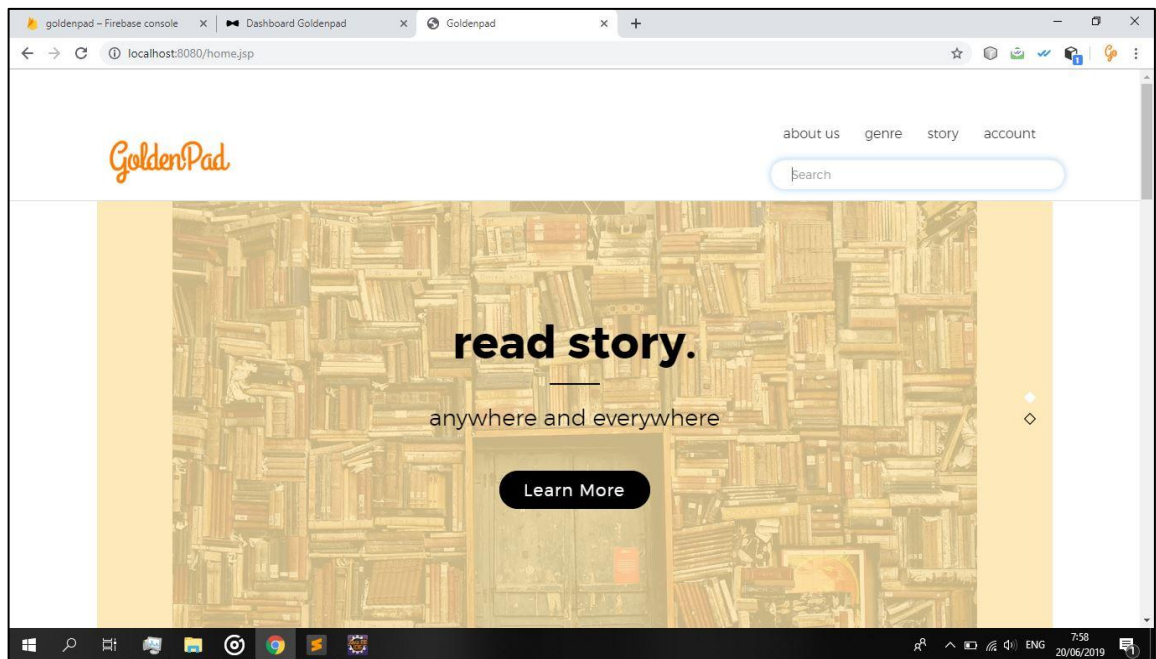
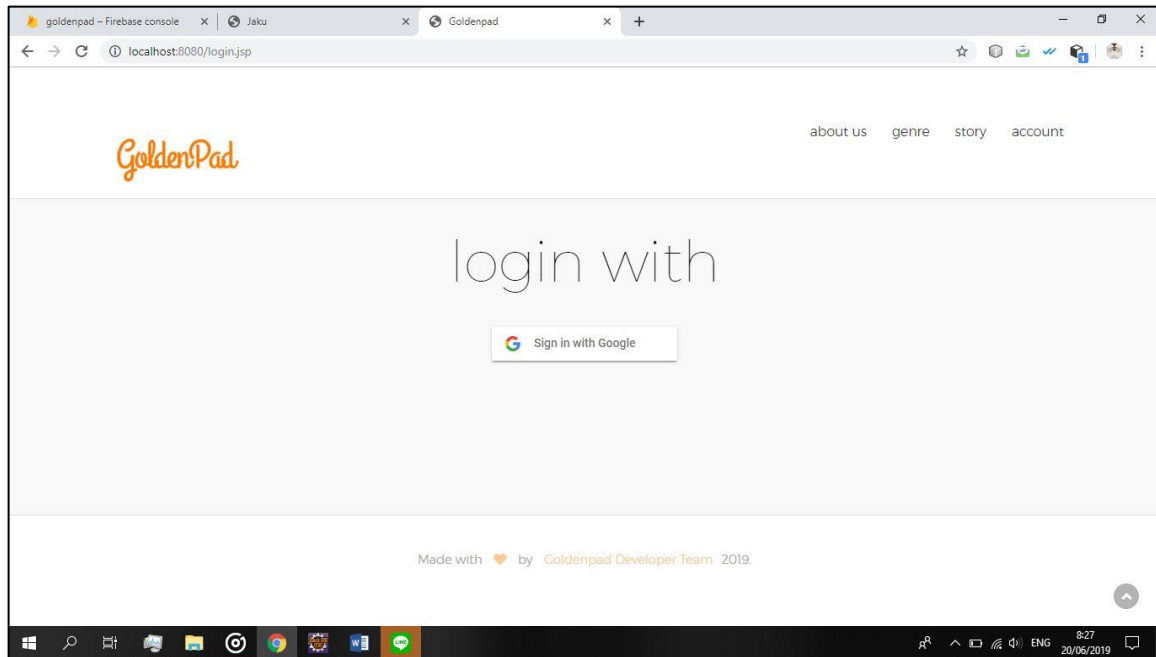
DESIGN INTERFACE (Android App)



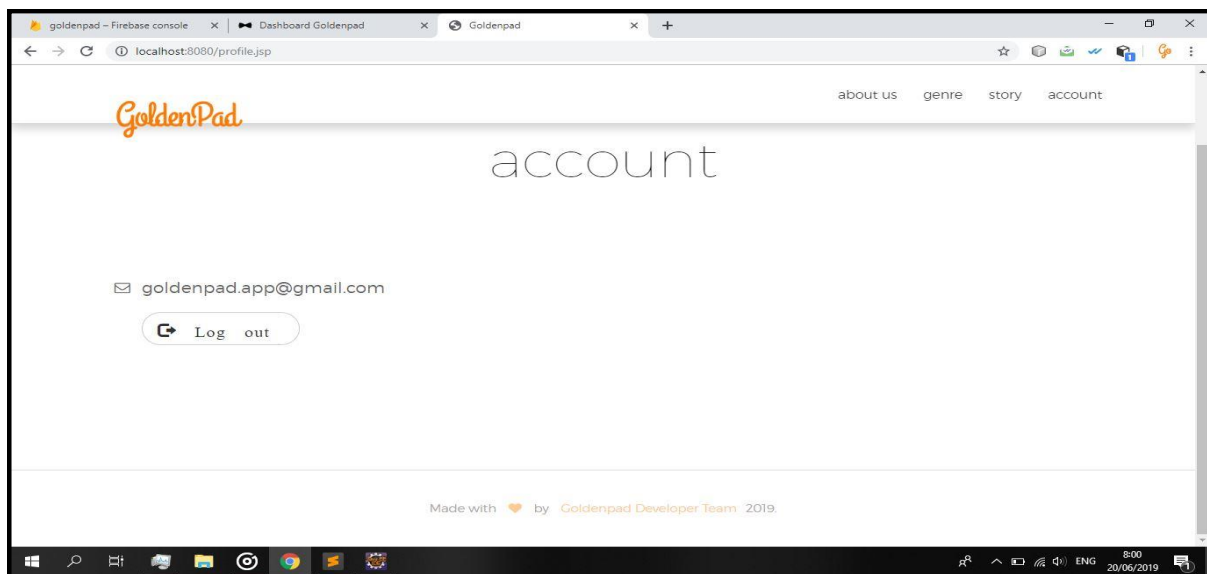
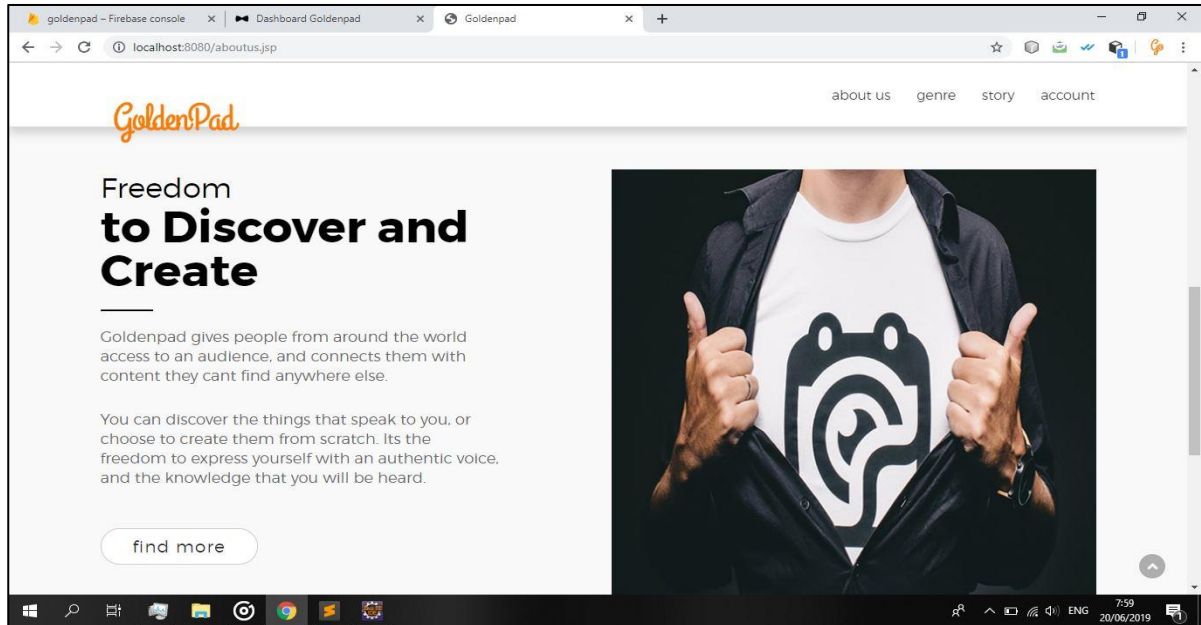
Story Detail Page

PREVIEW OF APPS (Website)

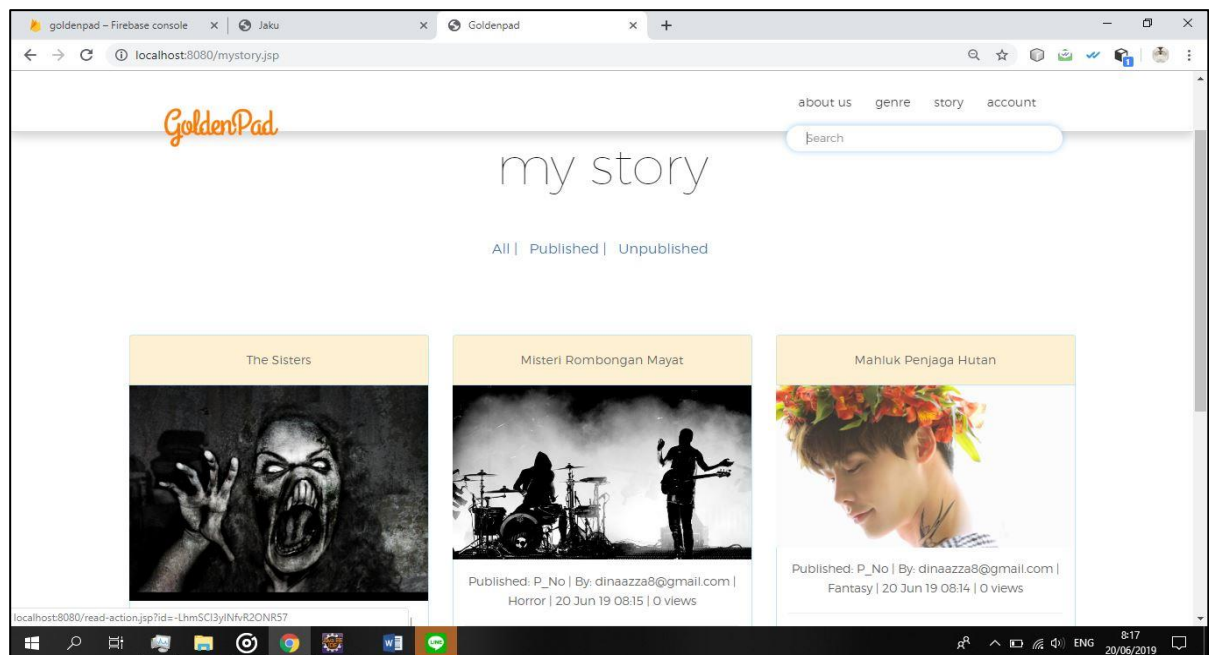
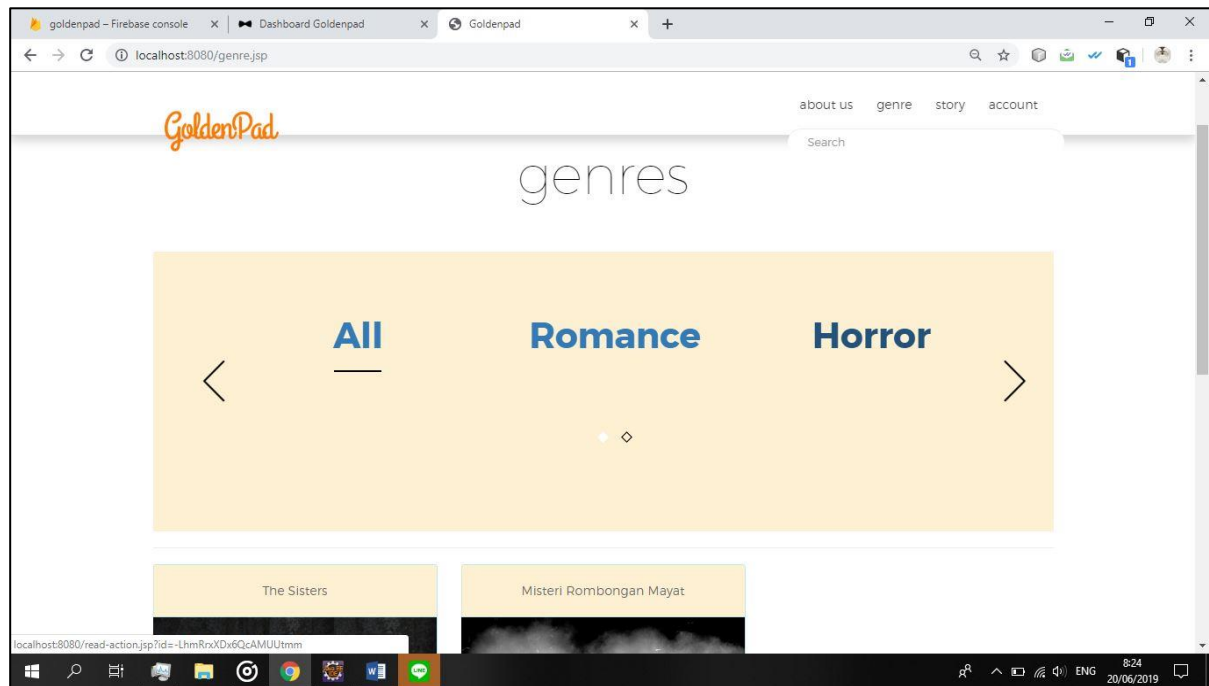
Application Preview using Screenshot:



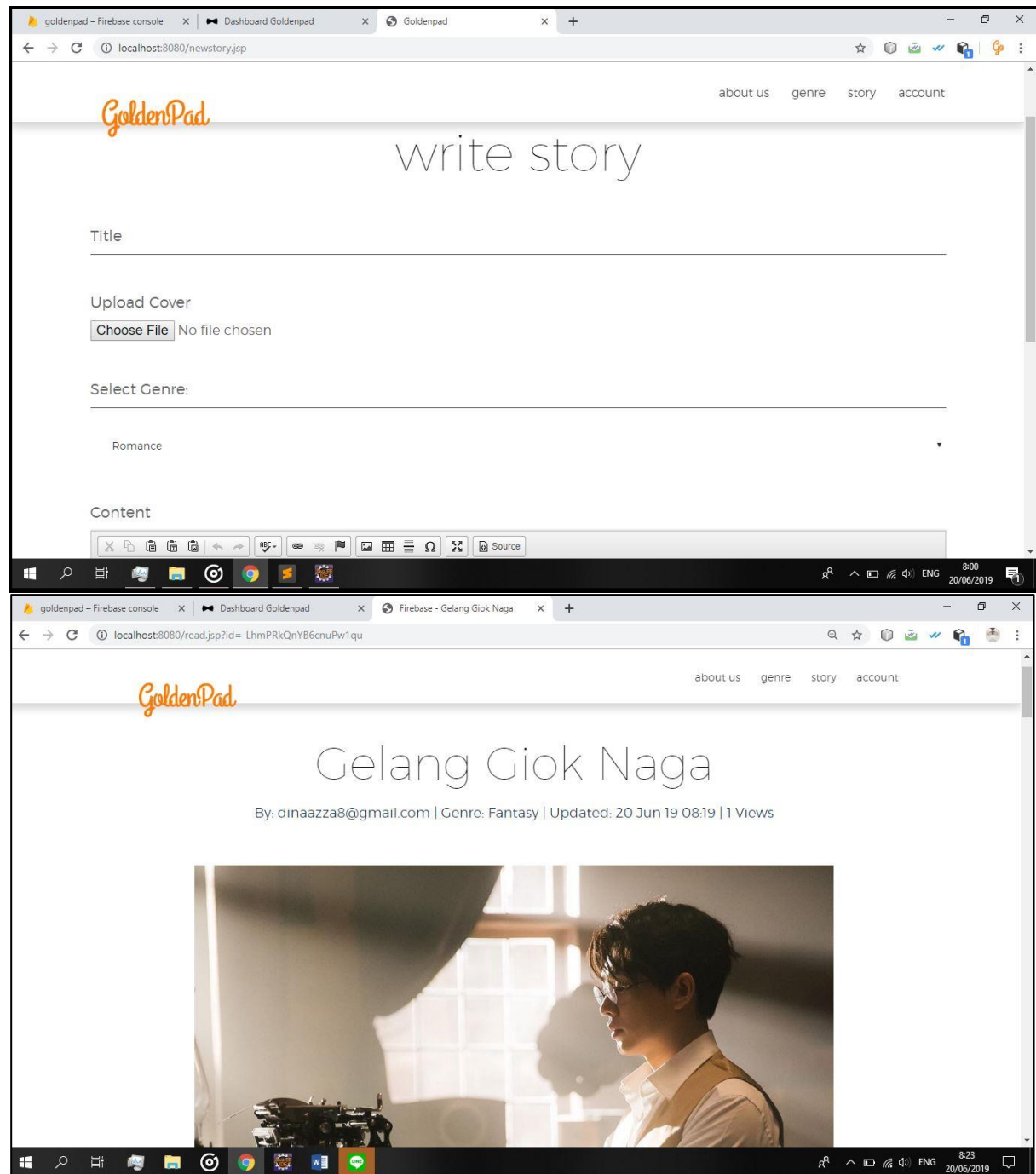
PREVIEW OF APPS (Website)



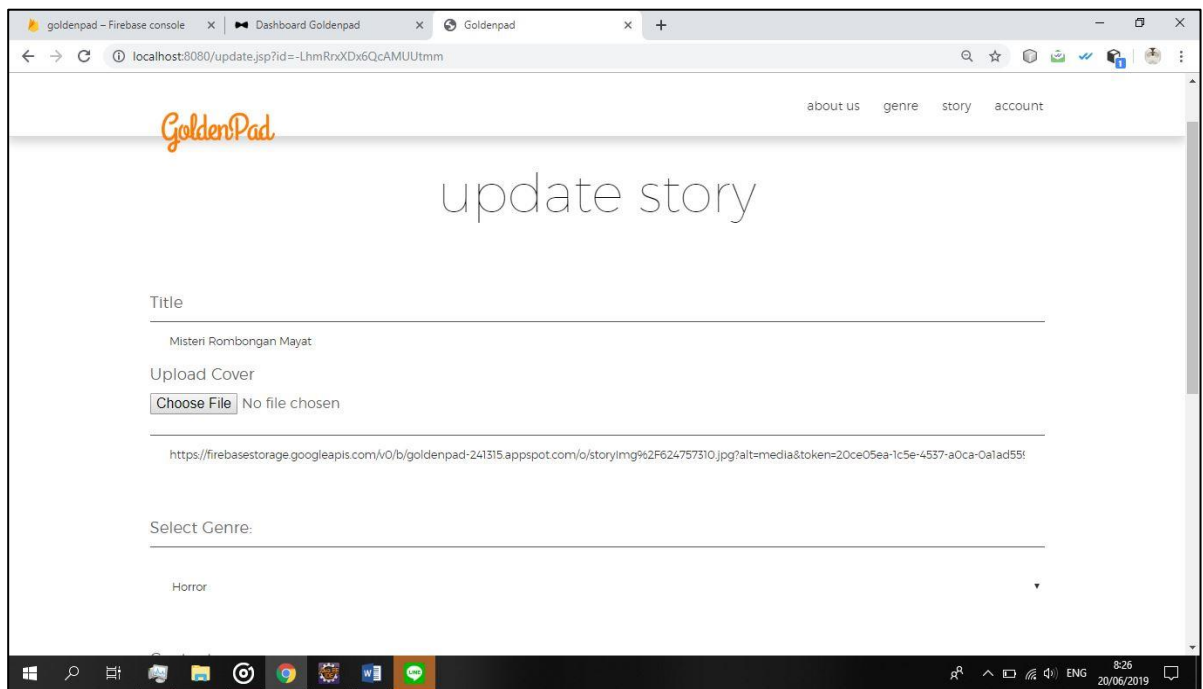
PREVIEW OF APPS (Website)



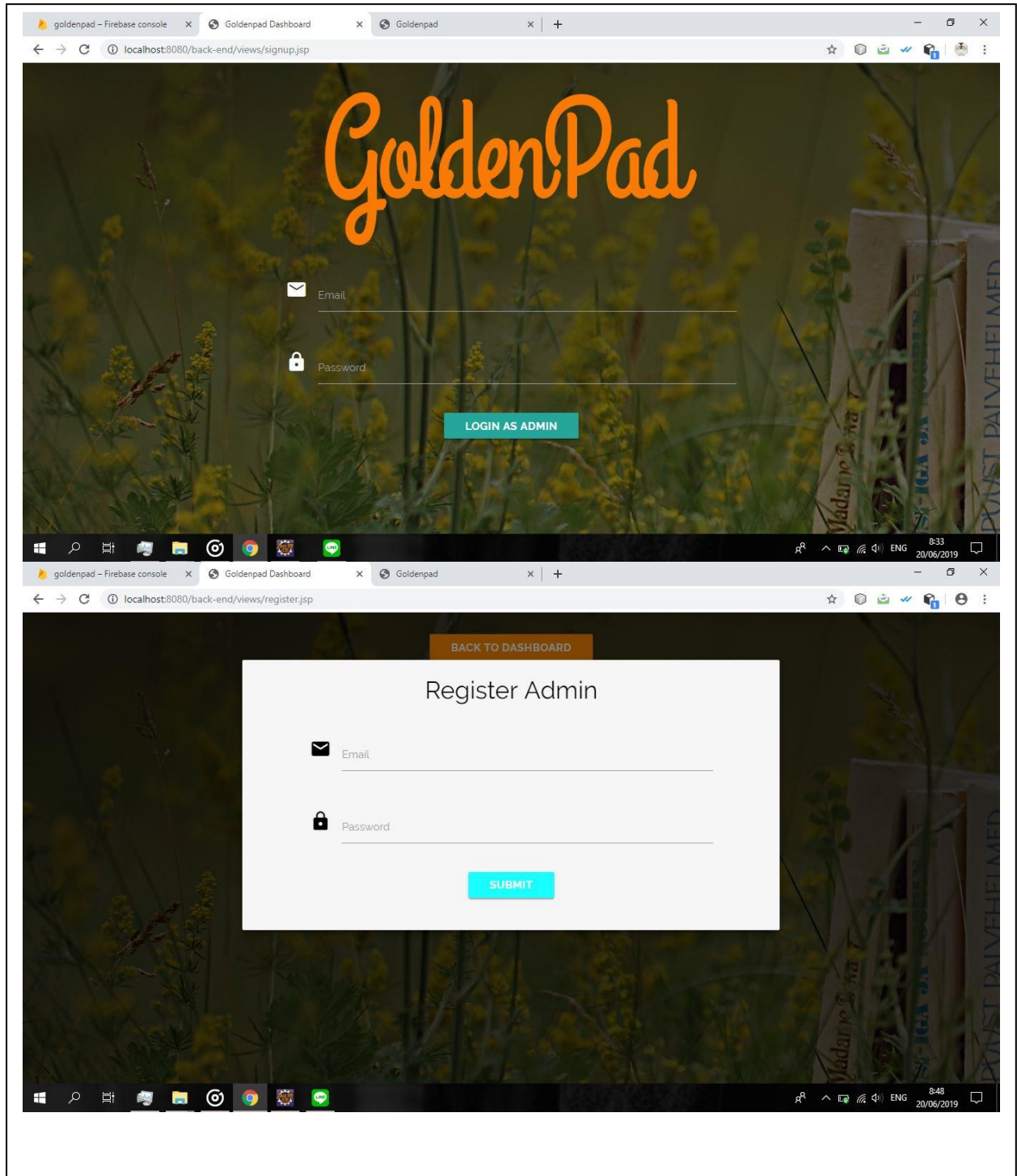
PREVIEW OF APPS (Website)



PREVIEW OF APPS (Website)



PREVIEW OF APPS (Website)



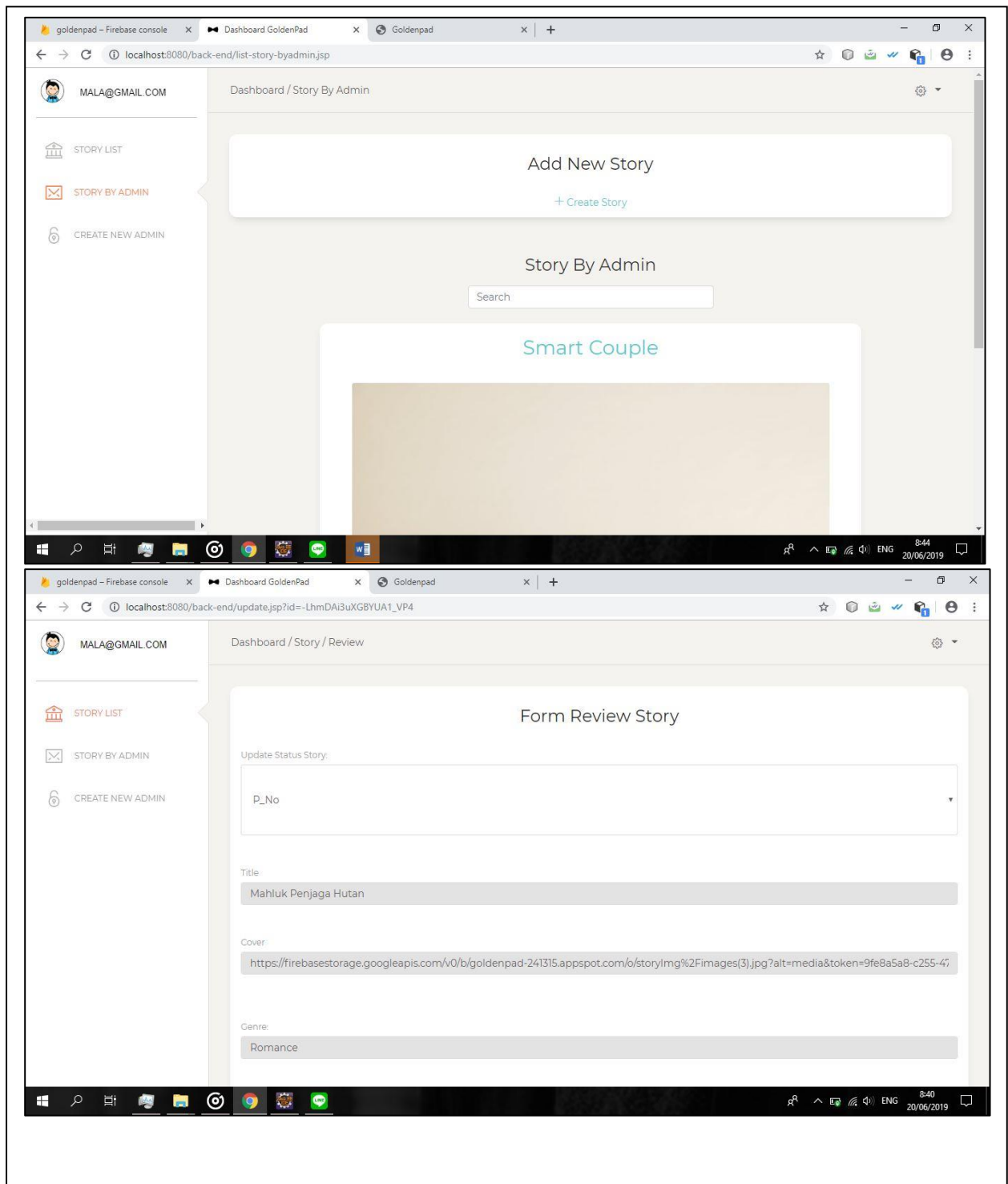
PREVIEW OF APPS (Website)

The image displays two screenshots of a web application named 'Goldenpad'. The top screenshot shows the 'Dashboard / Story' page, which includes a sidebar with navigation links: 'STORY LIST', 'STORY BY ADMIN', and 'CREATE NEW ADMIN'. The main content area features an 'Add New Story' button and a 'Table Story' with a search bar. The table lists two stories:

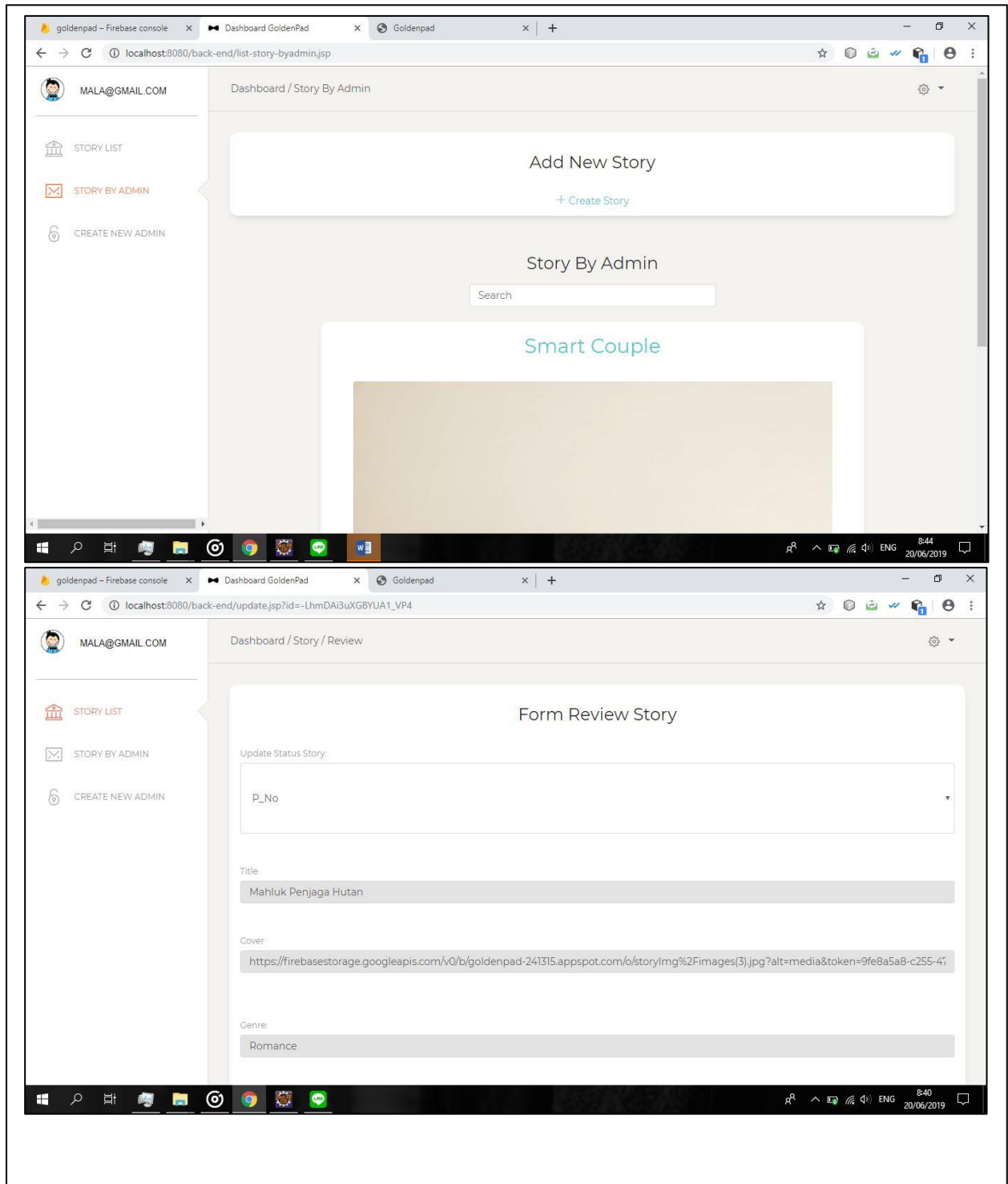
Author	Cover	Content	Created Date	Genre	Title	Updated Date	Views	Status Published	Action
dinaazz			1560989449086	Romance	Mahluk Penjaga Hutan	1560993528290	0	P_No	Change Status
dinaazz		<p>&l	1560992664590	Fantasy	Gelang Giok Naga	1560993581861	1	P_Yes	Change Status

The bottom screenshot shows the 'Dashboard / Story / Create New' page, which includes the same sidebar and a 'Form Add Story' section. The form contains fields for 'Status Story' (set to 'P_No'), 'Title', 'Upload Cover' (with a 'Choose File' button and 'No file chosen' text), and 'Select Genre' (set to 'Romance').

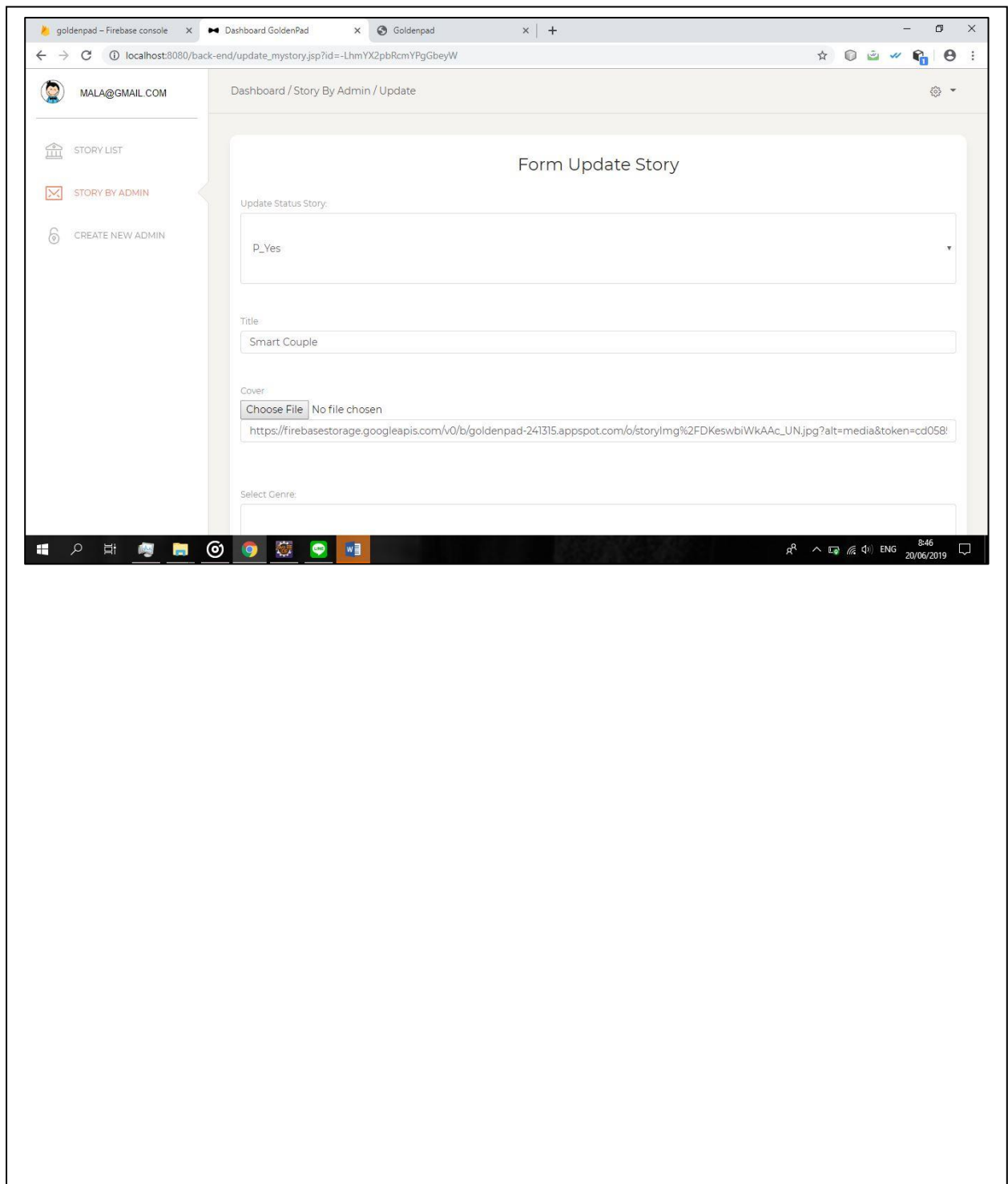
PREVIEW OF APPS (Website)



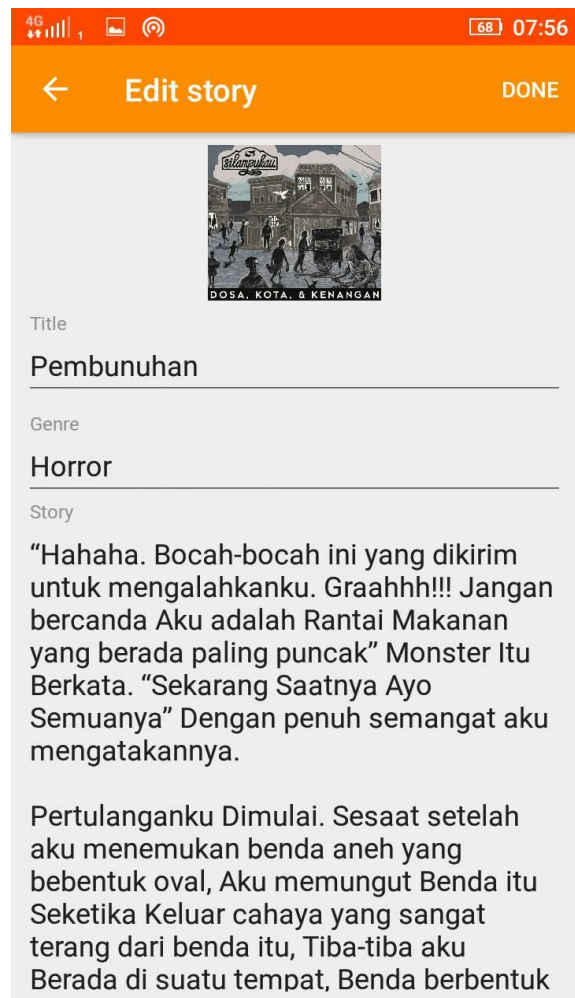
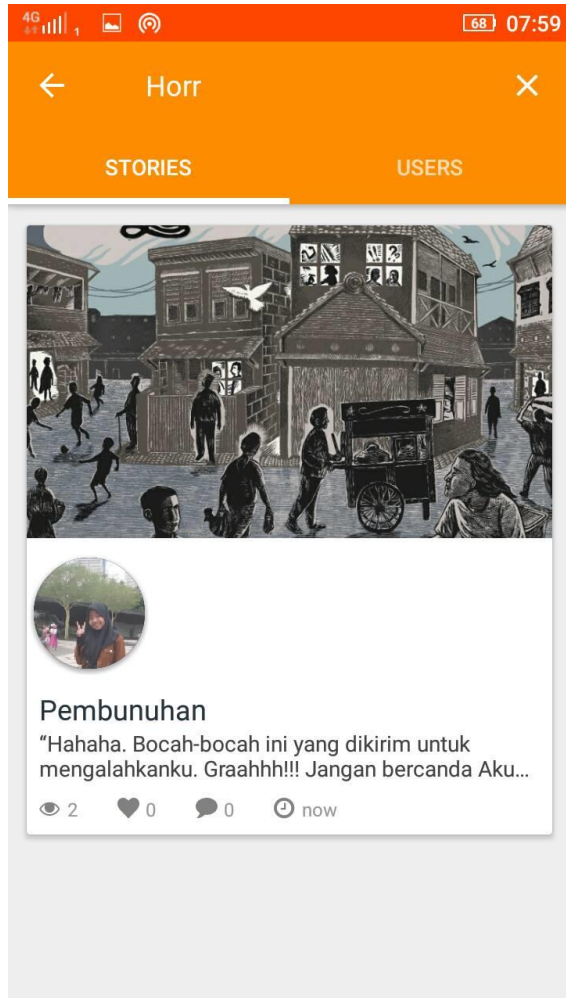
PREVIEW OF APPS (Website)



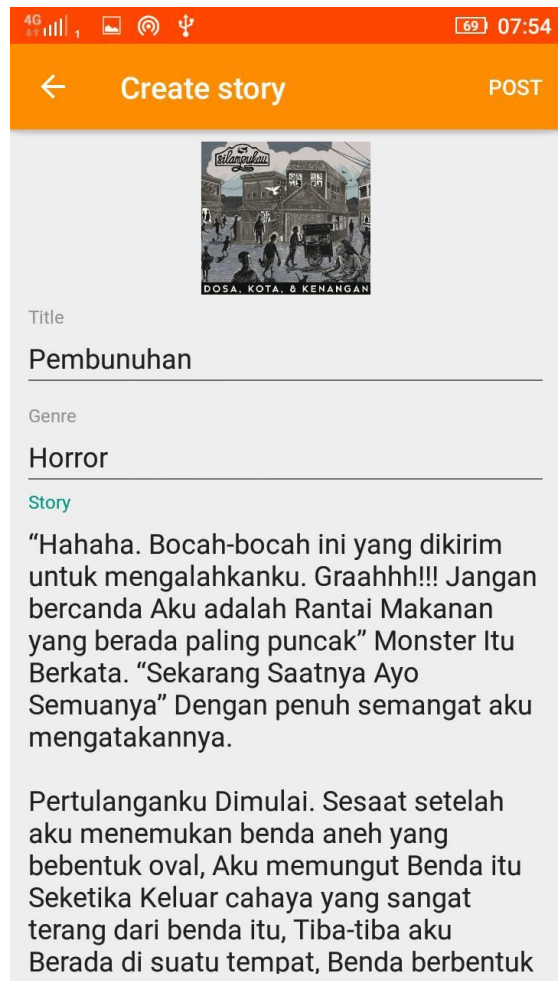
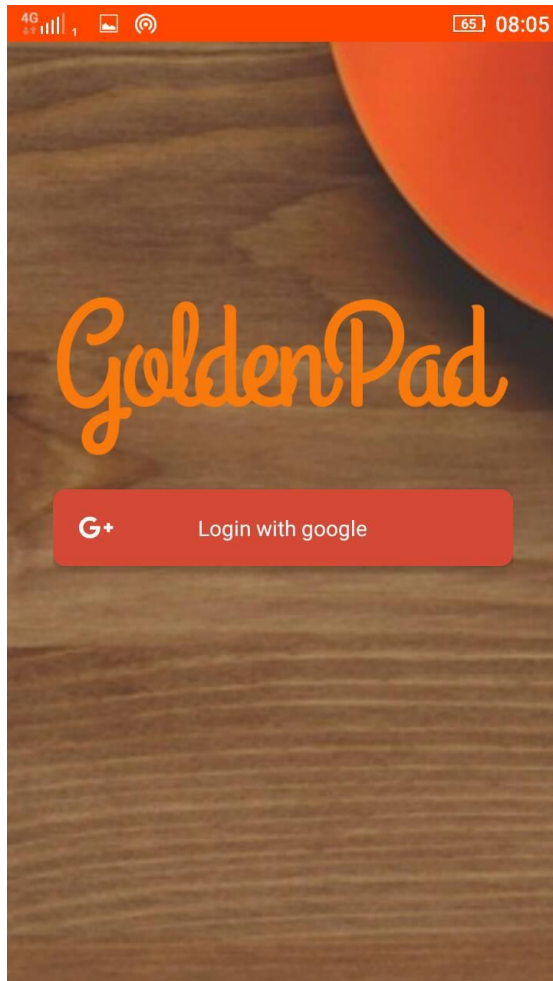
PREVIEW OF APPS (Website)



PREVIEW OF APPS (Android App)



PREVIEW OF APPS (Android App)



PREVIEW OF APPS (Android App)



dina azza

1
Story

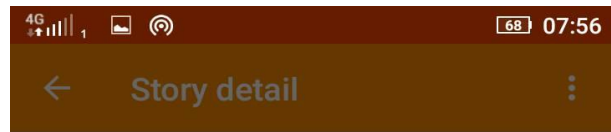
0
likes



Tertawa

Makhluk Penjaga Hutan. Ini adalah kisah nyata yang terjadi pada seorang anak bisu di tempat tinggal...

👁 4 ❤ 0 💬 0 ⌚ 2 h



Complain

You can complain to this story if it contains violence, bullying and threats, hate speech, tragic events and sexually explicit contents. Nobody will see the story if you complain to it. You can't delete your complain.

CANCEL

COMPLAIN

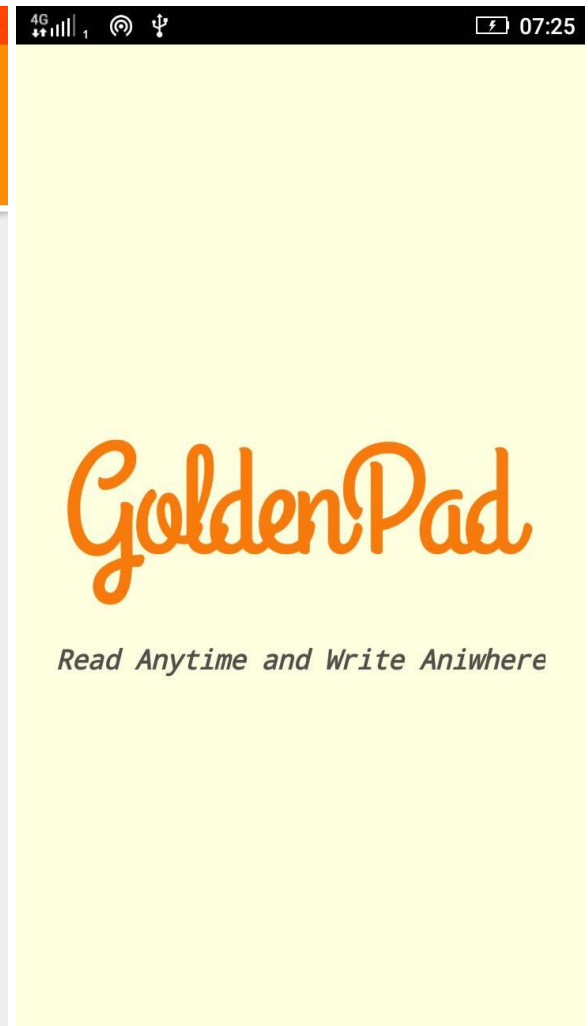
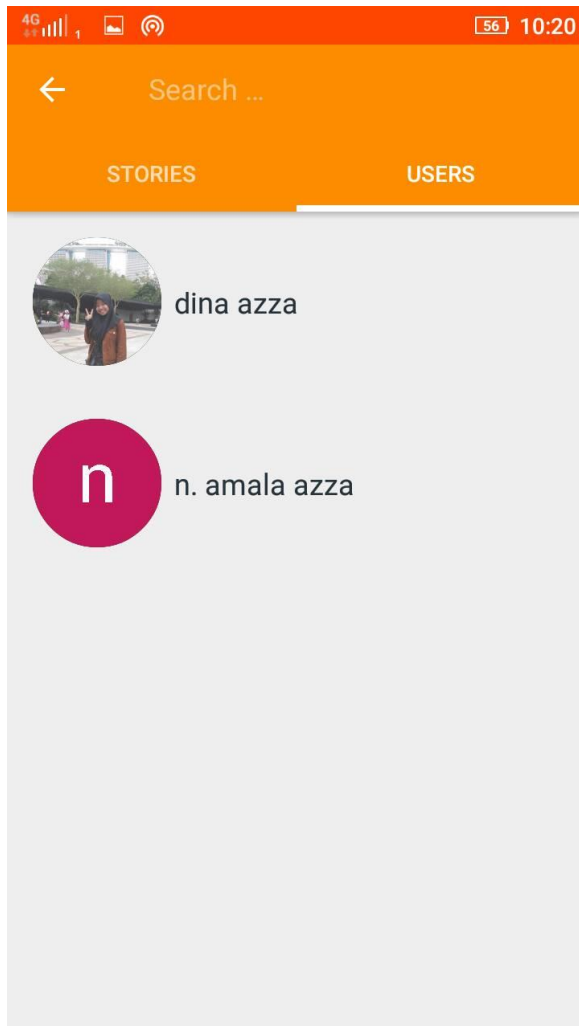
👁 2 ❤ 0 💬 0 ⌚ now

"Hahaha. Bocah-bocah ini yang dikirim untuk mengalahkanku. Graahhh!!! Jangan bercanda Aku adalah Rantai Makanan yang berada paling puncak" Monster Itu Berkata. "Sekarang Saatnya Ayo Semuanya" Dengan penuh semangat aku

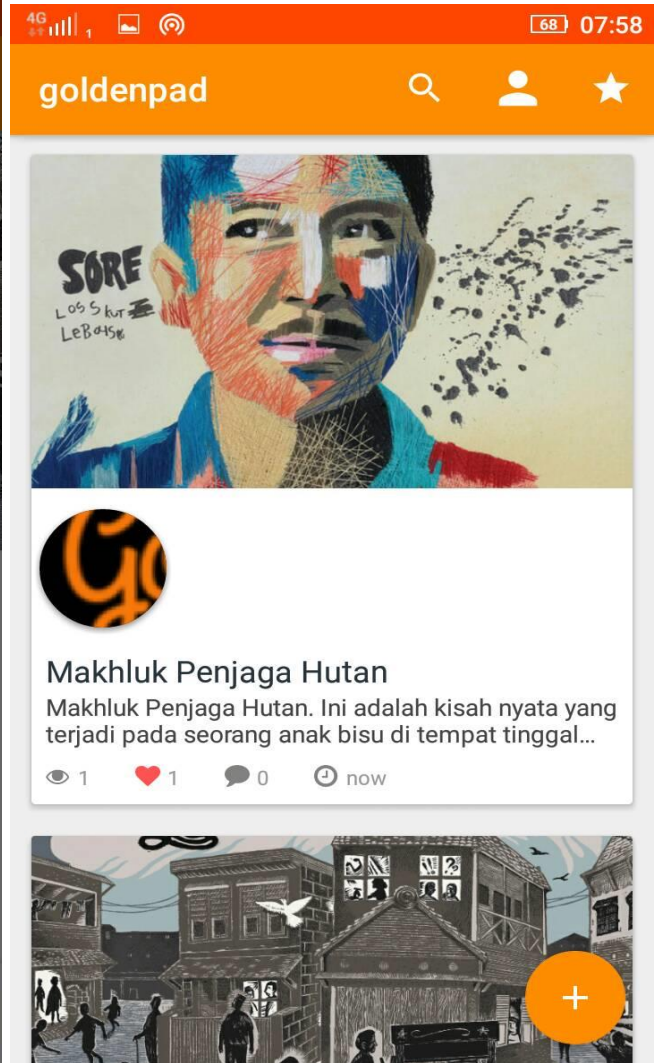
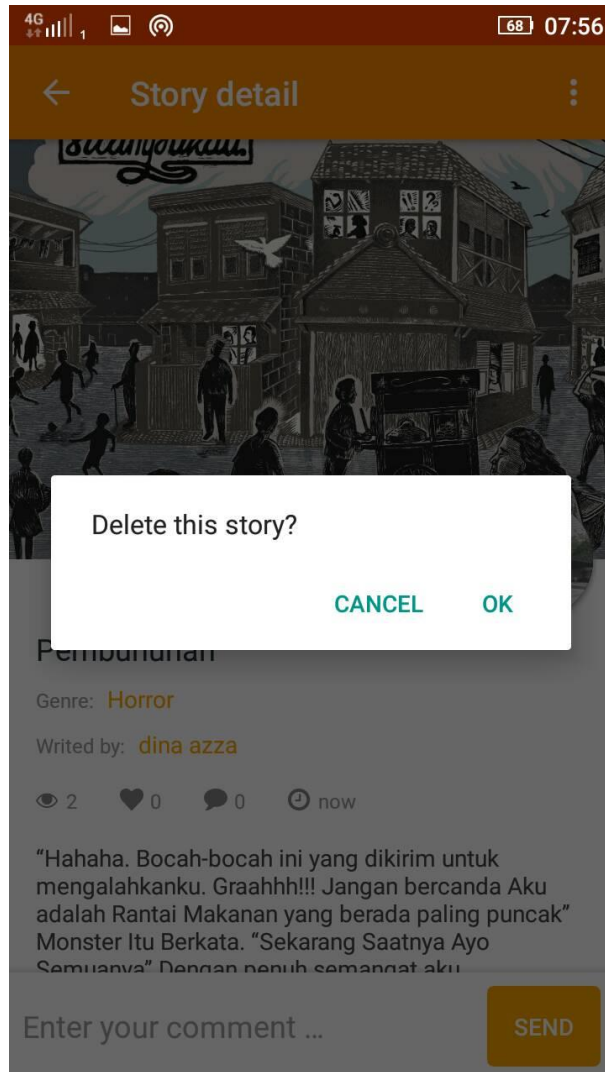
Enter your comment ...

SEND

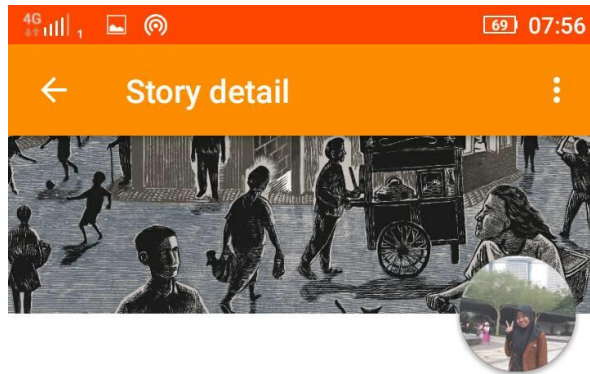
PREVIEW OF APPS (Android App)



PREVIEW OF APPS (Android App)



PREVIEW OF APPS (Android App)



Pembunuhan

Genre: **Horror**

Written by: **dina azza**

👁 2 ❤ 0 💬 0 ⌚ now

"Hahaha. Bocah-bocah ini yang dikirim untuk mengalahkanku. Graahhh!!! Jangan bercanda Aku adalah Rantai Makanan yang berada paling puncak" Monster Itu Berkata. "Sekarang Saatnya Ayo Semuanya" Dengan penuh semangat aku mengatakannya.

Pertulanganku Dimulai. Sesaat setelah aku menemukan benda aneh yang berbentuk oval, Aku memungut Benda itu Seketika Keluar cahaya yang sangat terang dari benda itu, Tiba-tiba aku Berada di suatu tempat, Benda berbentuk oval tadi berubah menjadi gelang yang terpasang di lengan kiriku Dan

Enter your comment ...

SEND

CONFIGURATION

Hardware : Intel Core I7 1,8GHz, 4GB Ram, Nvidia GeForce 940MX
Operating System : Windows 10 Pro 64 Bit.
Software : Microsoft Office Word 2013, Sublime Text 3, Eclipse, Android Studio

S.No	File Name	Remarks
Website		
1	css(folder)	Contains CSS for HTML.
2	js(folder)	Contains JS for HTML.
3	ckeditor(folder)	Contains CKEditor for HTML.
4	images(folder)	Contains Images/Video use in this project.
5	.jsp	Contains website pages and all the function for this project.
Android Apps		
6.	Model.java, User.java	Contains constructor and getter setter use for application.
7.	TabPageAdapter.java, TabPageAdapterGenre.java	Contains function use for sliding tab in application.
8.	Storylist.java, Userlist.java	Contains function use in Fragment.
9.	MainActivity.java, MainActivityGenre.java,	Contains function to use drawer activity and to show fragment and also other function.
10.	Login.java, Register.java,	Contains function use for login user and register new user.
11.	Res Folder	Contains layout and also images/ picture use as icon.