

ArchiveIT: A Mobile Application Storage for Thesis and Capstone Projects

Hannah Janine E. Velasquez
Lyceum of the Philippines University
Capitol Site, Batangas City
(+63)917426556
hannahjaninevelasquez@lpubatangas.edu.ph

Liezzel B. Acob
Lyceum of the Philippines University
Capitol Site, Batangas City
(+63)9127345414
liezzelacob@lpubatangas.edu.ph

Judy Ann D. Manalo
Lyceum of the Philippines University
Capitol Site, Batangas City
(+63)9979826677
judyanmanalo@lpubatangas.edu.ph

Ryan Angelo M. Matibo
Lyceum of the Philippines University
Capitol Site, Batangas City
(+63)9154481948
ryanangelomatibo@lpubatangas.edu.ph

Abstract

According to this study, researchers experience difficulty in the reading process through books which are usually characterized by fact-checking and detailed editing before they are published. After printing, they were then filed in the library according to an obscure filing method known as the ‘Dewey Decimal Classification System. All of these made the act of research time-consuming and extremely tedious. In this context, “ArchiveIT: A Mobile Application Storage for Thesis and Capstone Projects” intends to provide researchers with a convenient and paperless access to various thesis and/or capstone project abstracts of any university or college.

ArchiveIT is designed with two user roles namely the admin and the user. The admin can upload and verify abstracts of completed researches while the user can upload abstracts with verification of the admin and download the abstracts as well. Through this application, the researcher can search for information on completed researches categorized by college. ArchiveIT is made for everyone especially students, researchers and professors who are doing their thesis, capstone or research projects. Included in the application is the proper citation of intellectual property rights to minimize the chance of plagiarism. With the help of ArchiveIT, accessing and searching for references you need is made easier and more efficient. Android Studio using Java programming was used as the main platform for the development of ArchiveIT. Adobe Illustrator and PHP programming language for the design of the user interface, MySQL for the database management and Hostinger for the web hosting.

Keywords: *Archive, archiving app, abstract, thesis, capstone, mobile abstract storage*

ACKNOWLEDGEMENT

First of all, we would like to express our gratitude to Almighty God for enabling us to complete our capstone, **“ArchiveIT: A Mobile Application Storage for Thesis and Capstone Projects.”**

To our Capstone Project adviser, Engr. Joselito Dolot, we would also like to convey our sincerest gratitude for guiding us through the entire journey. Without his kind direction and proper guidance, this study would not be possible.

To our dear panelists, Dean Roselie B. Alday, Miss Mischelle A. Esguerra and Miss Maria Julieta A. Saldua, we are grateful for them for giving us a clear idea about our Capstone Project and for their suggestions and advices to help improve our Capstone Project.

Lastly, we would also like to acknowledge our parents, friends, classmates for motivating and giving us their full support morally, emotionally and financially.

DEDICATION

This study is wholeheartedly dedicated to our beloved parents, friends and classmates who have been our source of inspiration and gave us strength when we thought of giving up.

We also dedicate this capstone project to ourselves and most of all to our Almighty God for His guidance, strength, power of mind, protection, skills and for giving us a healthy life.

All of these, we offer to you.

Liezzel

Judy Ann

Ryan Angelo

Hannah Janine

TABLE OF CONTENTS

TITLE PAGE	i
APPROVAL SHEET	ii
ABSTRACT	iii
ACKNOWLEDGEMENT	iv
DEDICATION.....	v
TABLE OF CONTENTS	vi
LIST OF FIGURES.....	vii
1.0 INTRODUCTION.....	1
1.1 Objectives of the Study.....	2
2.0 LITERATURE REVIEW	2
3.0 METHODS	6
3.1 Research Method	6
3.2 Flowchart	9
4.0 DISCUSSIONS	29
Screenshots	29
5.0 SUMMARY, CONCLUSIONS AND RECOMMENDATIONS	39
5.1 Summary	39
5.2 Conclusions	39
5.3 Recommendations	39
REFERENCES.....	40
APPENDICES.....	41
A. User's Manual	41
B. Code Listing.....	43
C. Curriculum Vitae	

LIST OF FIGURES

Figure No.	Figure Name	Page No.
1	Admin's Splash Screen.....	9
2	Admin's Login Screen.....	10
3	Admin's Home.....	11
4	Admin's Upload.....	12
5	Admin's Request Approval.....	13
6	Admin's Categories.....	14
7	Admin's Category Results.....	15
8	Admin's Search.....	16
9	Admin's Research Information.....	17
10	Admin's About & Developers.....	18
11	User's Splash Screen.....	19
12	User's Login Screen.....	20
13	User's Registration.....	21
14	User's Home.....	22
15	User's Upload.....	23
16	User's Categories.....	24
17	User's Category Results.....	25
18	User's Search.....	26
19	User's Research Information.....	27
20	User's About & Developers.....	28
21	Admin's Splash Screen.....	29

22	Admin's Login Screen.....	29
23	Admin's Home.....	30
24	Admin's Upload.....	30
25	Admin's Request Approval.....	31
26	Admin's Categories.....	31
27	Admin's Category Results.....	32
28	Admin's Research Information.....	32
29	Admin's Search.....	33
30	Admin's About & Developers.....	33
31	User's Splash Screen.....	34
32	User's Login Screen.....	34
33	User's Registration.....	35
34	User's Home.....	35
35	User's Upload.....	36
36	User's Categories.....	36
37	User's Category Results.....	37
38	User's Research Information.....	37
39	User's Search.....	38
40	User's About & Developers.....	38

ArchiveIT: A Mobile Application Storage for Thesis and Capstone Projects

Hannah Janine E. Velasquez

Lyceum of the Philippines University
Capitol Site, Batangas City
(+63)917426556
hannahjaninevelasquez@lpubatangas.edu.ph

Liezzel B. Acob

Lyceum of the Philippines University
Capitol Site, Batangas City
(+63)9127345414
liezzelacob@lpubatangas.edu.ph

Judy Ann D. Manalo

Lyceum of the Philippines University
Capitol Site, Batangas City
(+63)9979826677
judyanmanalo@lpubatangas.edu.ph

Ryan Angelo M. Matibo

Lyceum of the Philippines University
Capitol Site, Batangas City
(+63)9154481948
ryanmatibo@lpubatangas.edu.ph

Abstract

According to this study, researchers experience difficulty in the reading process through books which are usually characterized by fact-checking and detailed editing before they are published. After printing, they were then filed in the library according to an obscure filing method known as the 'Dewey Decimal Classification System. All of these made the act of research time-consuming and extremely tedious. In this context, "ArchiveIT: A Mobile Application Storage for Thesis and Capstone Projects" intends to provide researchers with a convenient and paperless access to various thesis and/or capstone project abstracts of any university or college.

ArchiveIT is designed with two user roles namely the admin and the user. The admin can upload and verify abstracts of completed researches while the user can upload abstracts with verification of the admin and download the abstracts as well. Through this application, the researcher can search for information on completed researches categorized by college. ArchiveIT is made for everyone especially students, researchers and professors who are doing their thesis, capstone or research projects. Included in the application is the proper citation of intellectual property rights to minimize the chance of plagiarism. With the help of ArchiveIT, accessing and searching for references you need is made easier and more efficient. Android Studio using Java programming was used as the main platform for the development of ArchiveIT. Adobe Illustrator and PHP programming language for the design of the user interface, MySQL for the database management and Hostinger for the web hosting.

Keywords: *Archive, archiving app, abstract, thesis, capstone, mobile abstract storage*

1.0 INTRODUCTION

Indeed, the internet has brought advantage to people. Individuals who don't have access to a reliable library can still obtain information if they have a device that is associated to the internet. Portable devices

allow people to regularly access information, no matter where they are situated. As a substitute of driving across town to head forth to the library to search for the answer to a query, one can basically access the internet using smartphone and get a response in an instant.

In this context, ArchiveIT: A Mobile Application Storage for the Thesis & Capstone Projects is introduced to help people access thesis abstracts and capstone projects by various institutions giving the authors the opportunity to be cited as legitimate authors.

In ArchiveIT, the user can browse thesis abstracts of the students from any institution. They can create an account, and can use the application. The user can upload the files and the admin can verify the uploaded files. The user can also browse the categories of different fields. The platform that will be used is Android Version 5.1 and up.

1.1 Objectives of the Study

The study is intended to attain the following objectives:

1. To develop a mobile application that will upload and store thesis and capstone projects of any university or college.
2. To provide a means of access to users with data of authors, title, and abstract of the researches.
3. To use Java and Php programming in the development of the mobile application.

2.0 LITERATURE REVIEW

Smartphones

As the world becomes gradually interrelated, both frugally and informally, technology implementation stays one of the major issues in human advancement. There has been a conspicuous escalation over the previous two years in the proportion of individuals in the evolving and progressing nations charted by Pew Research Center who say that they use the internet and own a

mobile phone, individuals in innovative frugalities still use the internet more and own extra modern gadgets, as the rest of the emerging world is rising. [12]

Intended for mobile phones possession, the digital division between less ground-breaking parsimonies and advanced frugalities is 31 points in 2015. Nevertheless, smartphone possession tolls in evolving and emerging states are intensifying at an astonishing degree, uphill from an intermediate of 21% in 2013 to 37% in 2015. In addition to awe-inspiring masses in nearly every single state measured statement possessing around smartphones, although they are not “mobile devices.” [12]

Mobile Application

The fast progress in the field of mobile application marketplace grants a momentous trial to discover fascinating and appropriate applications for users. A tentative study was directed using a precisely intended mobile application, on users' smartphones. The aim was first, to acquire around the users' behavior, and the applications they copied to their smartphones, second is to endorse applications to the public via announcements using new mobile application and study about personal performance in mobile milieu. The request of how the character features of users affect their compliance to recommendations is explored in this study. It is found that caution is completely related with compliant recommended requests and being agreeable is associated with the partiality for the applications of managing editor choice. Also, in this learning, applications possessed by the user and the arrangement of applications under classes and their affiliation with character features are explored. It is revealed that the amount of user possessed applications and their group vary conferring

to gender and personality. Having analogous applications and the quantity of applications owned under specific categories surge the chance of compliant optional applications. [7]

Mobile users mostly favor to choose mobile applications relatively than to use web browsers for internet services. Application markets have developed progressively because of consigning user's curiosity in mobile applications. Mobile application reference websites and services accomplish the mounting necessity to mesh, rank and commend the finest mobile applications from the hundreds of thousands offered. [7]

Understanding user demands is a compound matter and has been the focus of frequent studies in the communal and mental skills. Character has important scopes discussed to as personalities and it has been shown that people's behavior can be clarified by their fundamental character behaviors, which reflect the lasting temperaments of their nature. There are numerous methodologies in the works that identify and classify the personality traits, but the most commonly used and recognized model is the Big Five personality basis which states the traits as extraversion, sociability, thoroughness, neuroticism and directness. [7]

Android applications (apps) pose numerous hazards to their end-users, e.g., with code that may impend user privacy or system integrity. Utmost of the present reservation countermeasures for distinctive risky apps show some feebleness, primarily associated to users' thoughtful and acceptance. Hereafter, users would take advantage from an active but simple procedure that specifies whether an application is nonviolent or dangerous to be mounted. [8]

Mobile devices let the users contact wanted amenities universally, at any time. Conferring to the current market study in some nations more that 90% of recorded mobile devices are smartphones or tablets, leading to more than 2 billion subscribers to it. Clearly, greater 80% of these devices are created on the Android Operating System (OS), the furthestmost prevalent OS for tablets and smartphones. Like domination of usage it makes Android the nearly exclusive target for mobile threats and problems known in the last years. Now, 99% of the Android security outbreaks are taken through malwares and viruses in mobile apps. In 2014, Android accounted for 97% of all mobile virus and malwares. Furthermore, the number of the new viruses and malwares is disturbing: normally, more than 160,000 new specimens are stated each day. Lately, work in jagged out that a sector of all Google Play free applications are replicas, i.e., repackaged apps of widespread ones, for example WhatsApp and Angry Birds. [8]

At this time, applications for mobile devices are circulated through online markets, such as Google Play store or App Store. These markets serve as hubs where application inventors distribute their personal products, which can be downloaded for free and can be bought by the end users. Although authorized marketplaces can manipulate individuals for these applications, some illegal markets allocate their own applications free of control. When copying applications from unauthorized marketplaces, trust is at danger, since there is no central control, as it occurs with certified markets, and it may occur that untrusted developers issue spiteful application [8]

Mobile App Technology

Partaking an application on mobile devices in the next-generation is the vision of each minor to massive innovativeness. Nonetheless, procedure of creating a concept hooked on to an income-generating movement output comprises loads of thinking and capability to make actual choices in relations of technology and business. In most of the situations, establishments are pure about the commercial part. What's important for them is, to appreciate the procedural possibility and implementation of the concepts. Here they require to cope with a dependable mobile app expansion business that comprehends and reports their corporate desires. [5]

Throughout prototyping phase, developers of mobile application and industries work organized to plan the user interface, arrangement, construction, appearance, and roles of the would-be mobile application. Beforehand beginning with code development, parties on both require choosing the most appropriate advancements, platforms, bases, and devices for the application. Preferably, it's a work for the mobile app development firm. But being a depositor, you must contribute while choosing a suitable tech heap. [5]

One has to choose appropriate and cost-effective tech stack for their mobile apps. To figure a strong mobile application in terms of scalability and performance, you must make smarter choices interrelated to the below technology aspects. [5]

Emerging a mobile application for a single platform does not benefit industries in gaining competitive compensations. Get the broader revelation across various networks and platforms to grasp the bigger target audience, increase the sales and generate

maximum Return of Investment. With the provision and combination of cross-platform technologies, mobile application run effortlessly on different operating systems. To transport a next-level experience to the users, enterprises need to select from Native, Hybrid and Progressive Web Apps as per their custom business needs. [5]

Every day, the demand for mobile application development, governance, and merger rises. To host low code progress structures, enterprises need to adopt suitable mobile app development platforms. This is not a significant part in refining the application growth development. [5]

Mobile Application Security

According to Jan Valcke, Mobile services are shifting the landscape customer preservation and rate investments: for example, over 60% of smartphone and tablet users report that mobile banking abilities are 'important' or 'extremely important' in their decision to switch banks. Nevertheless, financial institutions that present more mobile series can instantaneously shift transactions away from higher-cost channels and retain and attract more customers. They need to pay close attention to the security of mobile apps and customers, without impacting the user experience. This is because cyber criminals have converted an increasing threat to the mobile banking revolution. Research suggests that 80% of successful openings target applications, putting mobile apps squarely in the hackers' crosshairs. In fact, around 60% of mobile malware specifically targets financial information on mobile devices, while 95% of the tested apps have at least one vulnerability. This security test comes at a time when mobile banking is developing from basic transactional series to more advanced uses such as fund transfers, bill payment, distant

payments, P2P payments, and so on. Temporarily the next group of mobile banking series, already emerging, includes remote and contactless payments, location-based marketing and mobile social media incorporation. [2]

The second task is that safety apps for mobile devices are exclusive to progress and frequently unproductive. Dissimilar the PC world, which is dominated by Microsoft, there are several different mobile operating systems such as Android, Apple iOS, Blackberry, Symbian, and Windows Mobile. Every platform has its own software development environment and a security vendor developing mobile security applications have to duplicate the effort platforms. More, some platforms such as Apple iOS do not allow outdated anti-virus applications on their platform. Loading third party applications, not approved by the platform vendor are lead to destruction of contract and often requires “jailbreaking” the device – not an enterprise option. Even if security applications are allowed, they are a headache to arrange, need constant updates, and are easy to avoid - the user can simply uninstall them if they hate it. Worst of all, they influence device performance and damage user experience by elongating the already limited processor and memory possessions on the mobile device. [4]

Through directing this monitoring flawlessly outside of the real database server or systems, security teams can eliminate the overhead and let the databases, data repositories and SIEM tools do what they do best. In fact, these systems can synchronously scan and monitor the entire IT landscape and categorize information according to policies. These methods easily facilitate outgoing data according to controls and may even terminate connections that attempt to violate policies. [9]

The conclusion is that it is critical to comprehend where organization stores its data, who is accessing it and whether that access aligns with reputable security strategies. Without this visibility, threats are bound to slip past the weary eyes of overworked security analysts, and sensitive data is bound to slip into the wrong hands. [9]

Online Database of Researches

Research databases are organized collections of computerized information or data such as periodical articles, books, graphics and multimedia that can be searched to retrieve information. Databases can be general or subject oriented with bibliographic citations, abstracts, and or full text. The sources indexed may be written by scholars, professionals, or generalists. [3]

Keeping it simple is a good idea in any area of life. No one wants to be bogged down with unnecessary requirements or additional busywork. But a good database generally has a simple front end that is intuitively understood by the user. Also it structures the data in such a way that we humans can grasp without too much difficulty. While the terminology and concepts in the data may be specific to the user’s own core competency, the user experience itself makes it possible to focus on the data rather than the intricacies of the database links and forms. A well-organized database makes a large treasure of information more manageable and gives the user only what he/she needs at the time to do his job better. [13]

Database Security

Conferring to the 2012 data fissure investigations report published by Verizon Business, 96% of records breached in 2011 were taken from database servers. Of these, 55% exploited default or guessable credentials and 40% the use of stolen login

credentials. Moreso conferring to another study among data specialists shown by Unisphere Research a division of Information Today, Inc., for the IOUG little, more than one-third of the 430 respondents install 37% critical patch updates within three months of their release. [11]

Although you can never truly predict the unexpected, most security applications attempt to do just that. They use attack models built to defend against security breaches that follow known patterns or model behaviors using a series of assumptions about exceptions. The attacks that do get through expose the uncomfortable truth that determined attackers can surprise and circumvent defenses by dynamically changing their tactics. [10]

Database accesses provide an interesting perspective on security breaches. Both internal and external attacks often involve databases. But when it comes to insider threats, companies face the serious problem of being blindsided by their own employees. [10]

In both internal and external database attacks, analysts often look for certain patterns using techniques such as anomaly detection. The problem is that we do not always know exactly what we are looking for. Attacks can be dynamic, and anomaly detection methods always use some inherent assumptions regarding the attacks they aim to find, since they search for general deviations from regular behavior. [10]

Internet VS Library

According to this research, books experienced a difficult reading process that was usually characterized by fact-checking and detailed editing before they were published. After printing, they were then filed in the library according to an obscure filing

method known as the 'Dewey Decimal Classification System. All of this made the act of research time-consuming and extremely troublesome. Contrast that to how research is often carried out today. By a couple of clicks, users can have at least a brief set of crowd-sourced facts at their clearance via Wikipedia or other similar sites. It is already considered the idea of how the internet is making grammar outdated. In fact, several written articles about writing good content expands the user experience of the website. [1]

It is laid-back to become seduced by the ease of the Internet. With fast connectivity, it occasionally looks like the whole world at the fingertips. One can carry up one of the foremost search engines on the web browser and inquire it in any question one likes. Then one can get the answer deprived of having to go to the library or even get out of the chair. That kind of ease can develop a chosen research method in a rush. [1]

3.0 METHODS

3.1 Research Method

Before starting any project, the researchers start a brief cover all features mandatory to begin each project. This contains identifying objectives, mandatory and requirements, to ensure that bases are covered.

On the development stage, Researcher encounter difficulties that can affect the project and its progress. These difficulties are challenges to the researchers and there is a need for patience to find possible solution to their problems. The researchers discussed the method/model which is the Mobile Application Development Lifecycle (MADLC). The mobile application development lifecycle is

just a depiction of the straight System Development Lifecycle from the viewpoint of mobile.

The use of Mobile applications evolves and expands every single day. The apps they are using are developed because of a careful lifecycle of mobile development. All mobile app is intended using the best development tactic in mind. Mobile application development lifecycle contains six major phases, which smear to the development of each app.

Discovery. The first stage of this project is the discovery. Researchers conducted meetings for open communication. “A great imagination leads to a great application”. Conceptualizing what the app is the key stage. The core objective in this segment is to think of an idea for an application by brainstorming and researching. Consider these aspects such as “What do you want your mobile app to accomplish? Or What is the primary aim of your app”, “Who is your target users?”, “What is the impact of the app to people?”, and “What platform do you use?”. With those aspects, brainstorming for an app idea is easier and clear. Researchers also discussed the complications and difficulties that the society is now facing and how can the researchers solve the problems as well. After the discussions and brainstorming that happened, the proposal is consulted by the adviser, Engineer Joselito Dolot and approved by the College Dean, Mrs. Roselie Alday.

Planning. After the approval of the topic, all the requirements are gathered including information and related literature. In this phase, researchers planned for what the app would look like. They began to decide what features and functionalities would require their app. They considered the aspects such as “What features the app offers to make it

unique?”. In this phase, they discovered what needs to be done to meet the timeframe and began planning the budget for all the cost.

Wireframes & Prototyping. After planning for what the app would look like, they started to develop a basic design and layout of their mobile application. This is where they began to visualize the appearance and lay out of the application. The proposed appearance and features were laid out. They have to pay close attention to the user interface to make sure that it feels natural on the devices to be used. Design is not just about how the app looks, it is about how a user experiences the application. App Prototyping benefits the users in making the development process easier as it offers an opportunity to gage ideas for designs, collect responses and reactions, realize dead links, and emphasize on several other vital features.

Development. After the wireframe and prototype phase, researchers are now ready to move into the programming and coding phase. The development process is cyclical and iterative. As the development improves, the app face several stages such as the alpha phase, beta phase, and release candidate phase. It goes manually with testing so that errors and bugs in the program can be fixed and be debugged as soon as possible.

Testing. By testing, they were able to determine if there were any errors, so they can debug it. They were able to determine if there are things that need to be clarified to avoid casualties and difficulties. It’s a good idea to test as early and often. The application should be tested for usability, compatibility, interface checks, stress, performance, and security. Building well-thought-out testing structure helps you to save time, effort, and money in the development course.

Deployment. At this point, the application is ready and deployed to the world after the stage of developing and testing. The goal of the deployment phase is to get the app in the hands of as many users as possible. There are several stages of the deployment process and the project crew must track to confirm the code and technology deploy properly. The stages include arrangement preparation and actions, product distribution, transferring possession of the product, and ending the deployment phase. The project is compliant to ISO 9126 standard, an international standard for evaluation of software. The researchers first established the initial part of the standard which is ISO 9126-1 that categorizes software superiority in an arranged set of factors: Reliability, Functionality Maintainability Portability, Efficiency, and Usability. After which, we plan to upload this application initially for free in the Google Play Store. And if in case there will be additional features to be requested in the future, then maybe that will be the time that the installment of our app will require payment. That's for the end user, for the admin, the updating and maintenance of the database is their job. So, somebody from the institution should be designated or identified as the admin. Can be a faculty member, department secretary or anybody who can be assigned to maintain the records of the thesis or capstone from then on. By following these standards, the researchers were able to: identify if application is effective and helpful to the targeted users and recognize additional recommendations for the project.

3.2 Flowchart

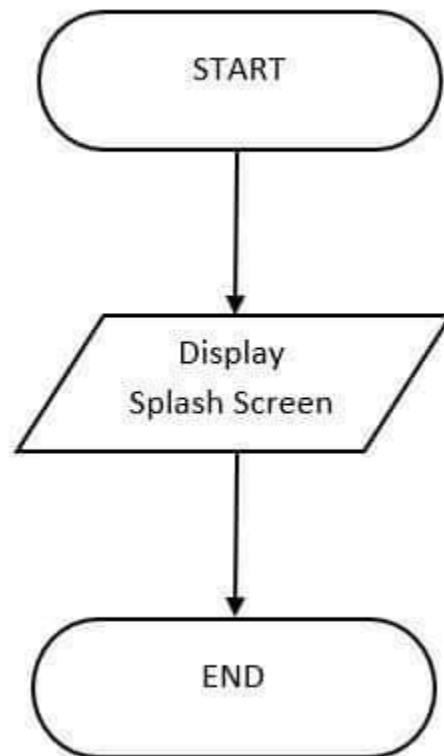


Figure 1. ADMIN'S SPLASH SCREEN

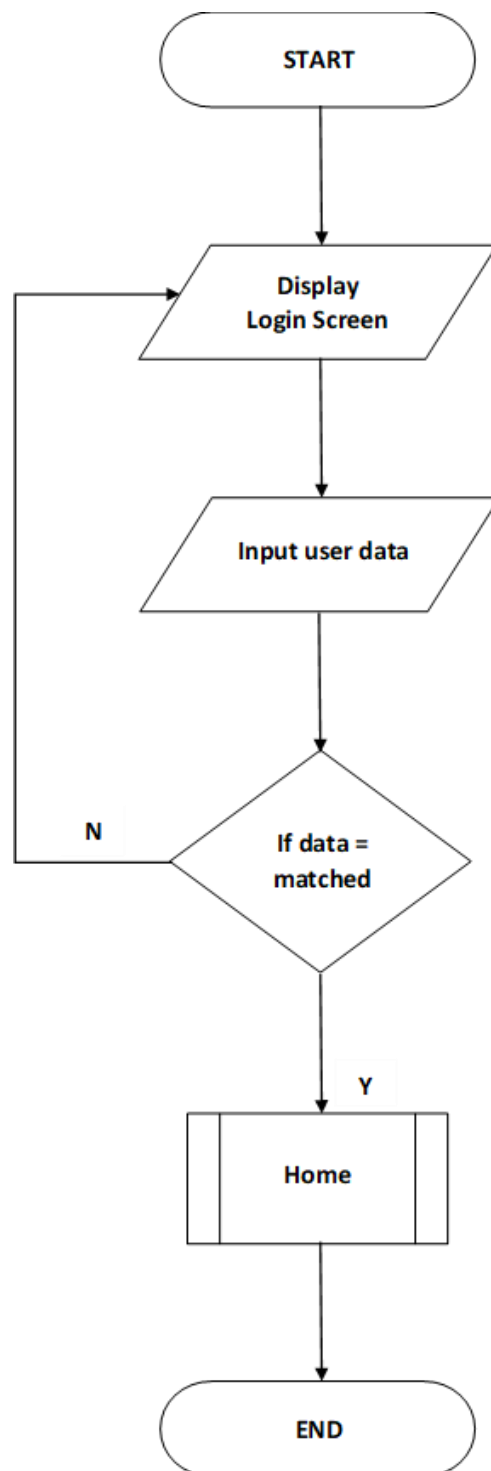


Figure 2. ADMIN'S LOGIN SCREEN

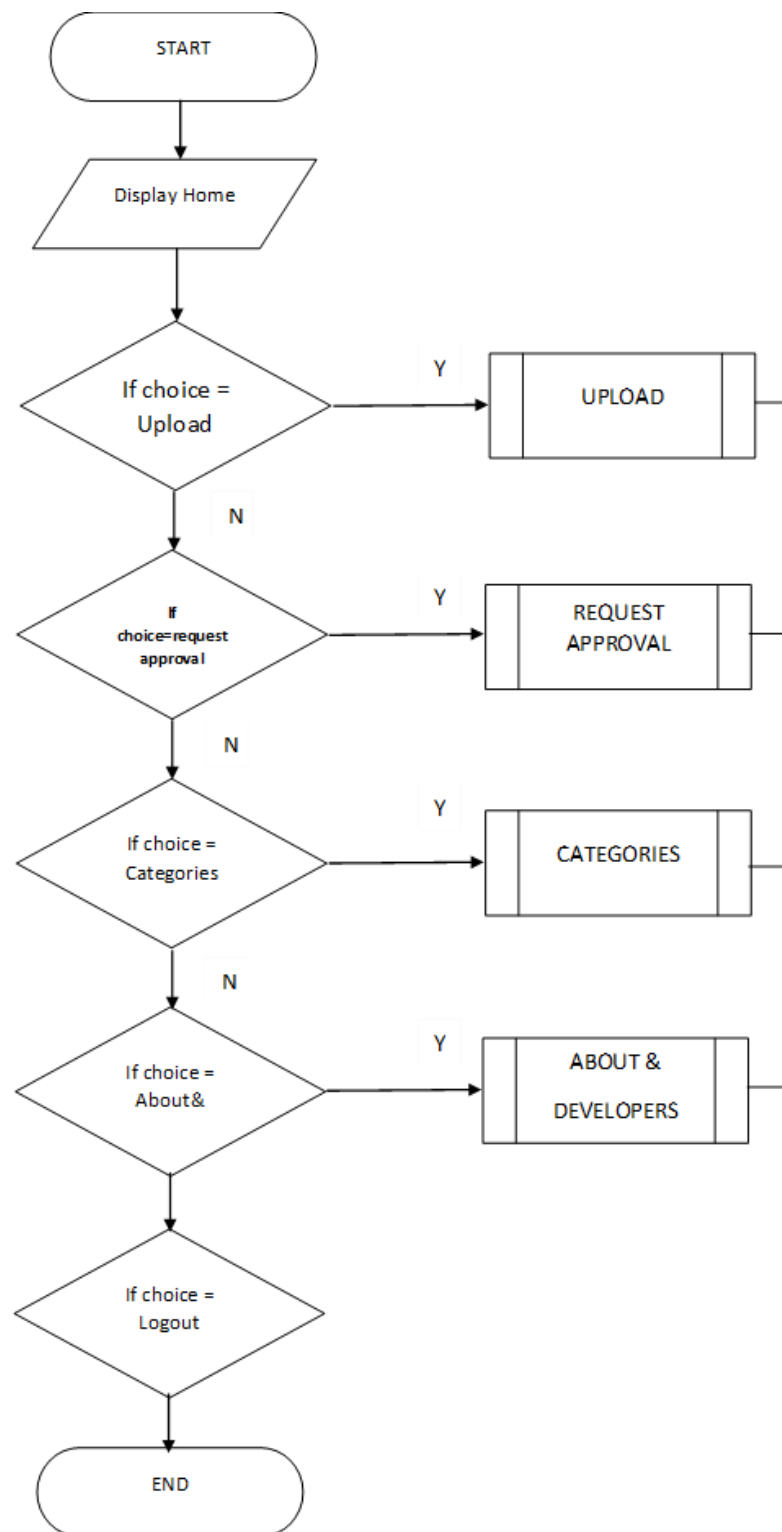


Figure 3. ADMIN'S HOME

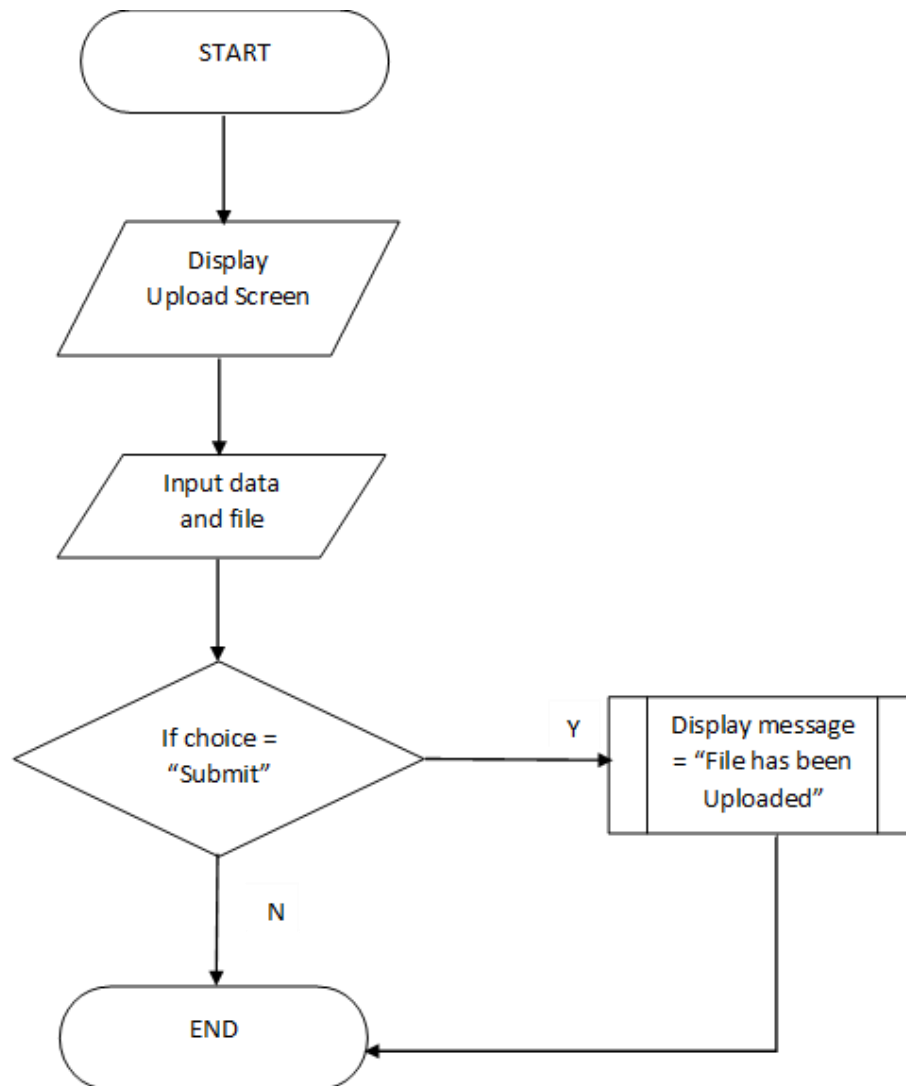


Figure 4. ADMIN'S UPLOAD

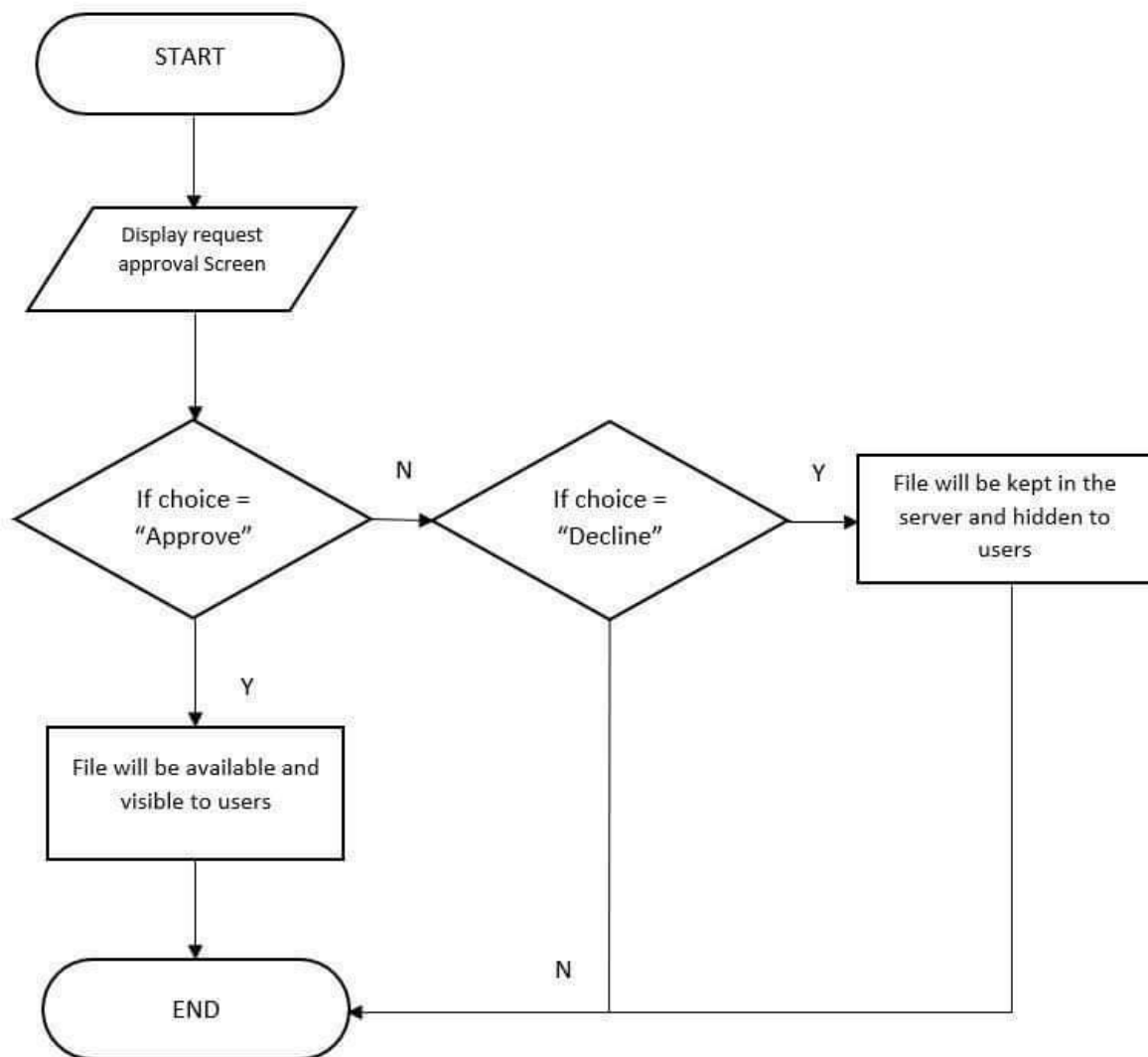


Figure 5. ADMIN'S REQUEST APPROVAL

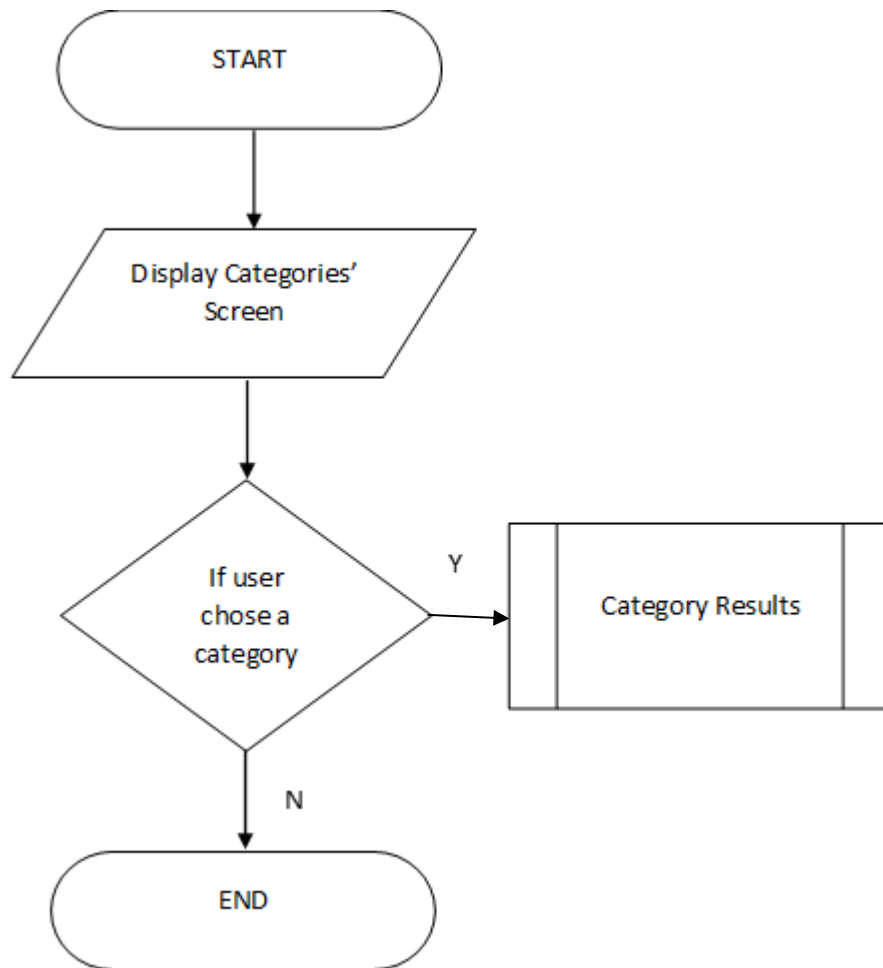


Figure 6. ADMIN'S CATEGORIES

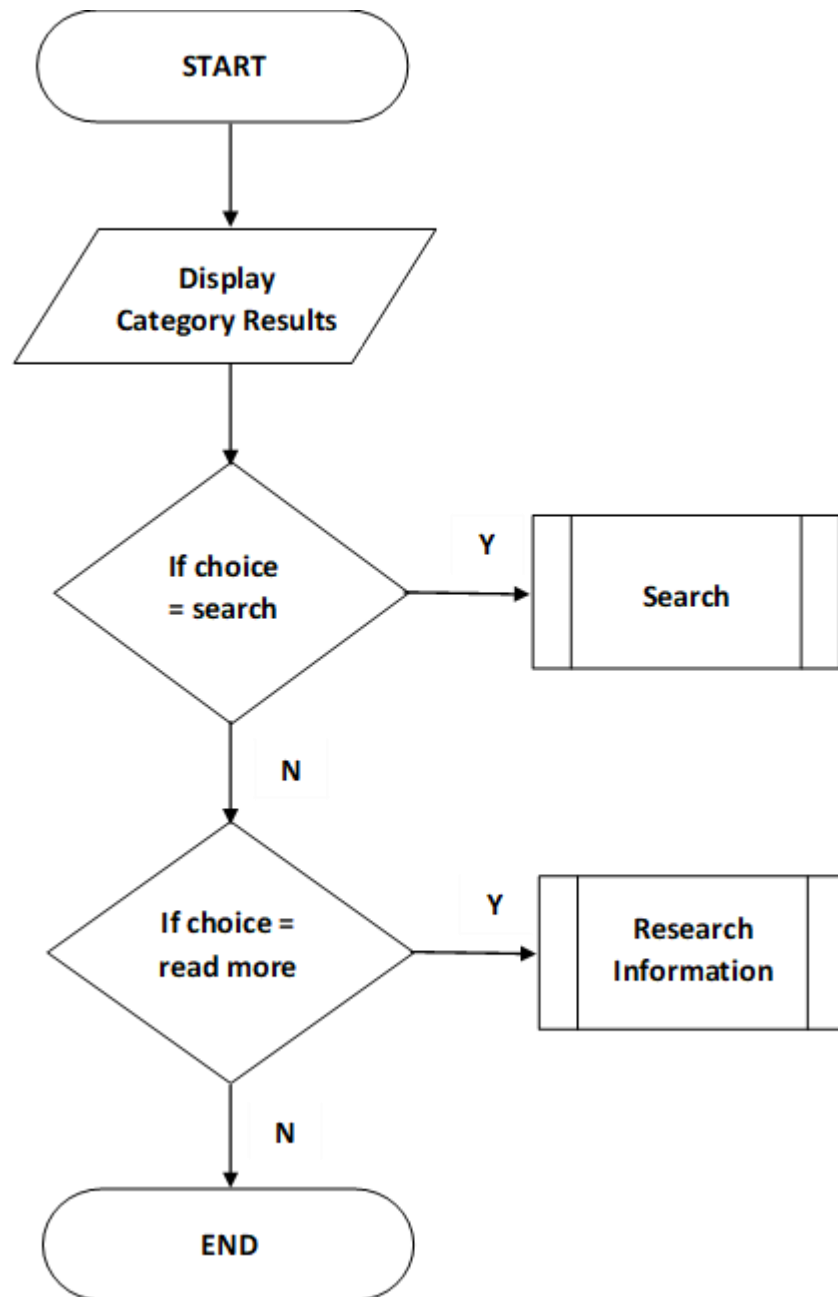


Figure 7. ADMIN'S CATEGORY RESULTS

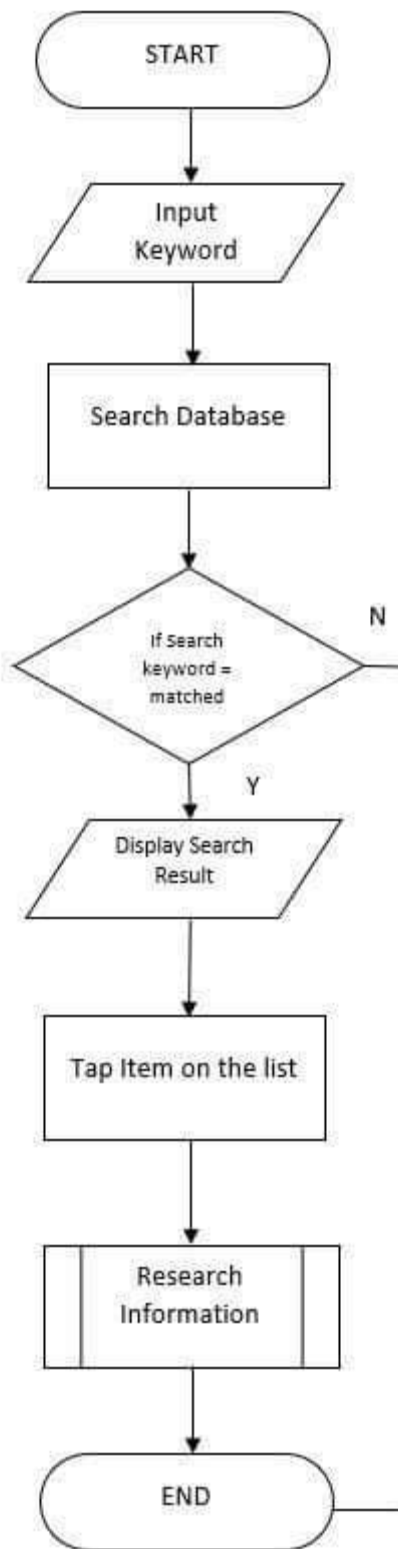


Figure 8. ADMIN'S SEARCH

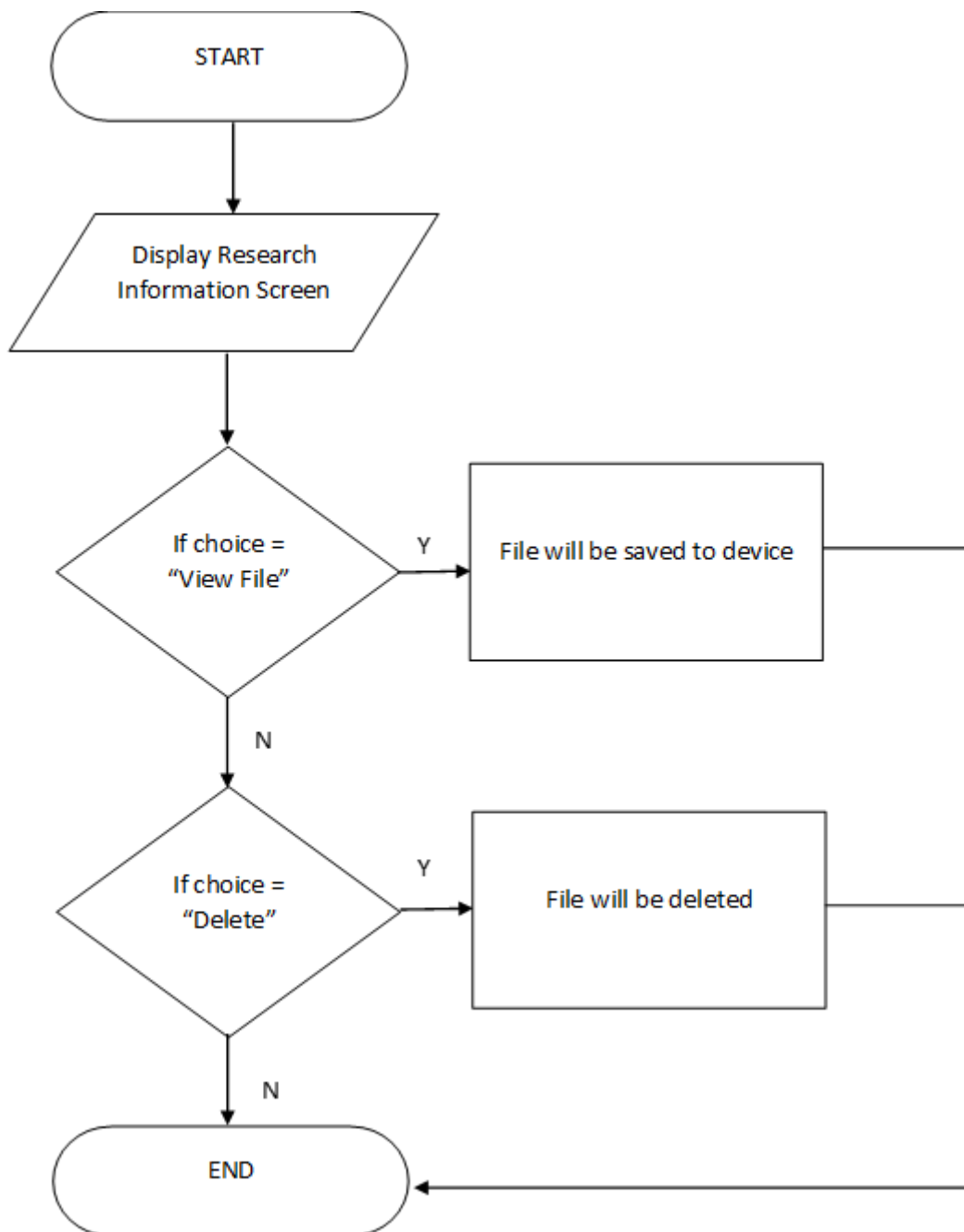


Figure 9. ADMIN'S RESEARCH INFORMATION

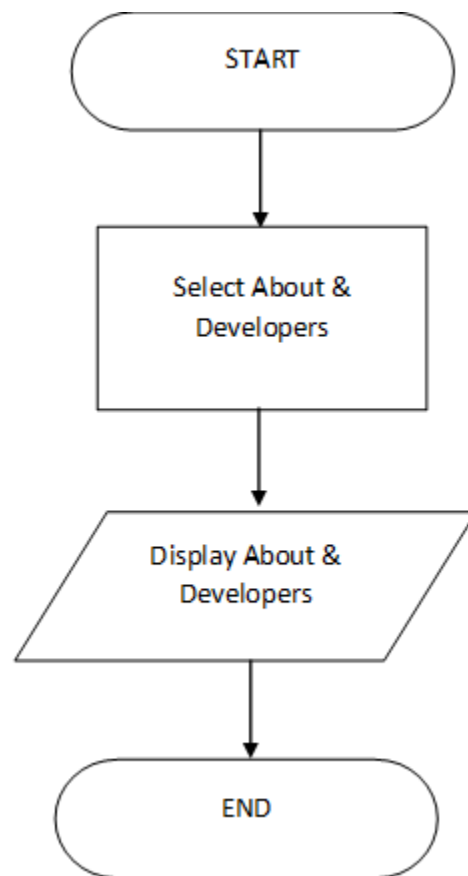


Figure 10. ADMIN'S ABOUT & DEVELOPERS

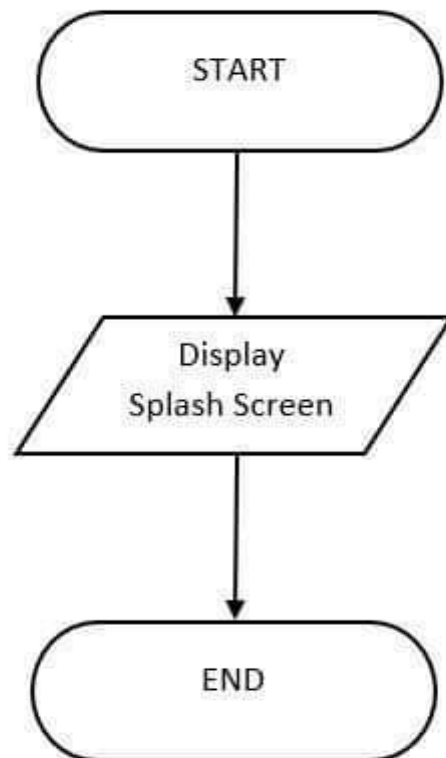


Figure 11. USER'S SPLASH SCREEN

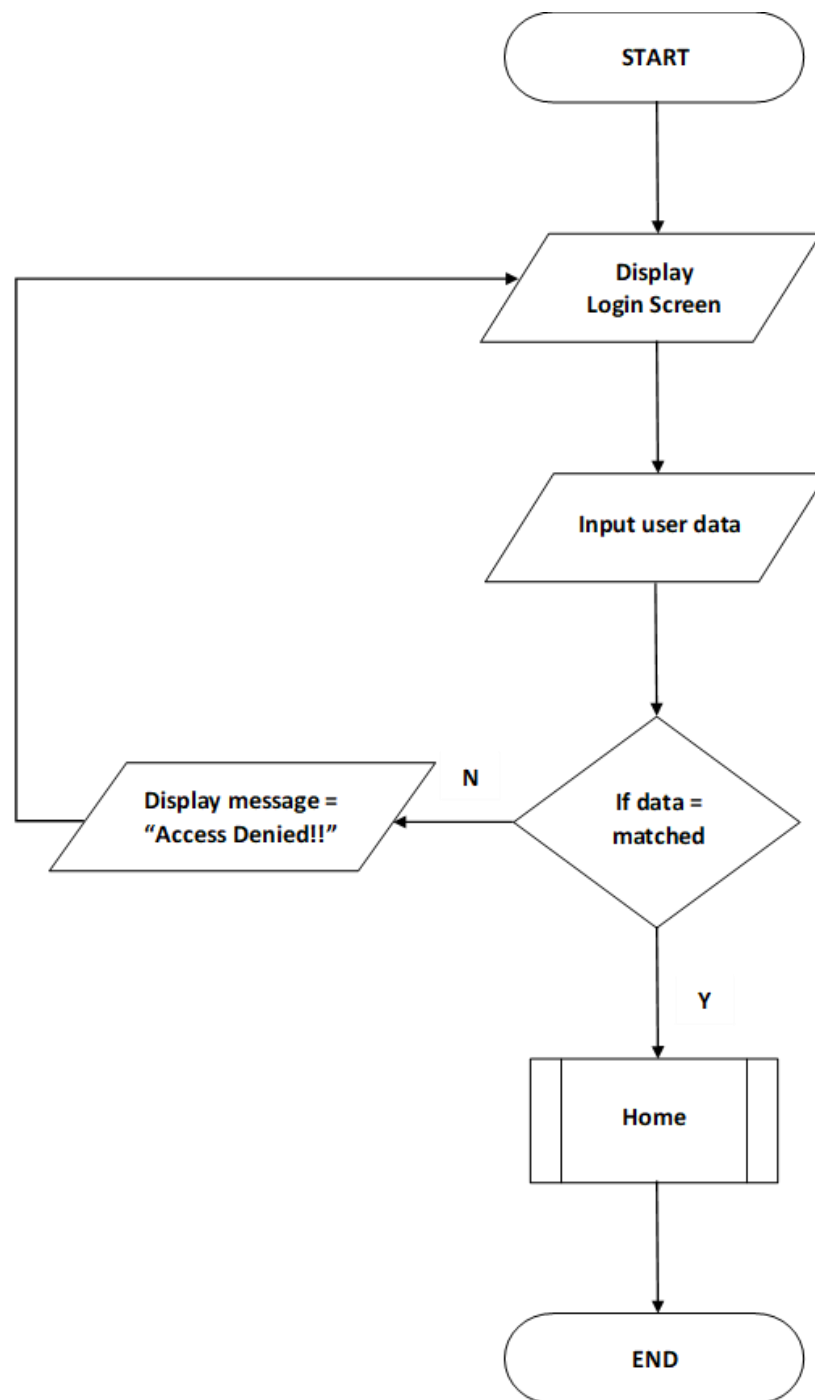


Figure 12. USER'S LOGIN SCREEN

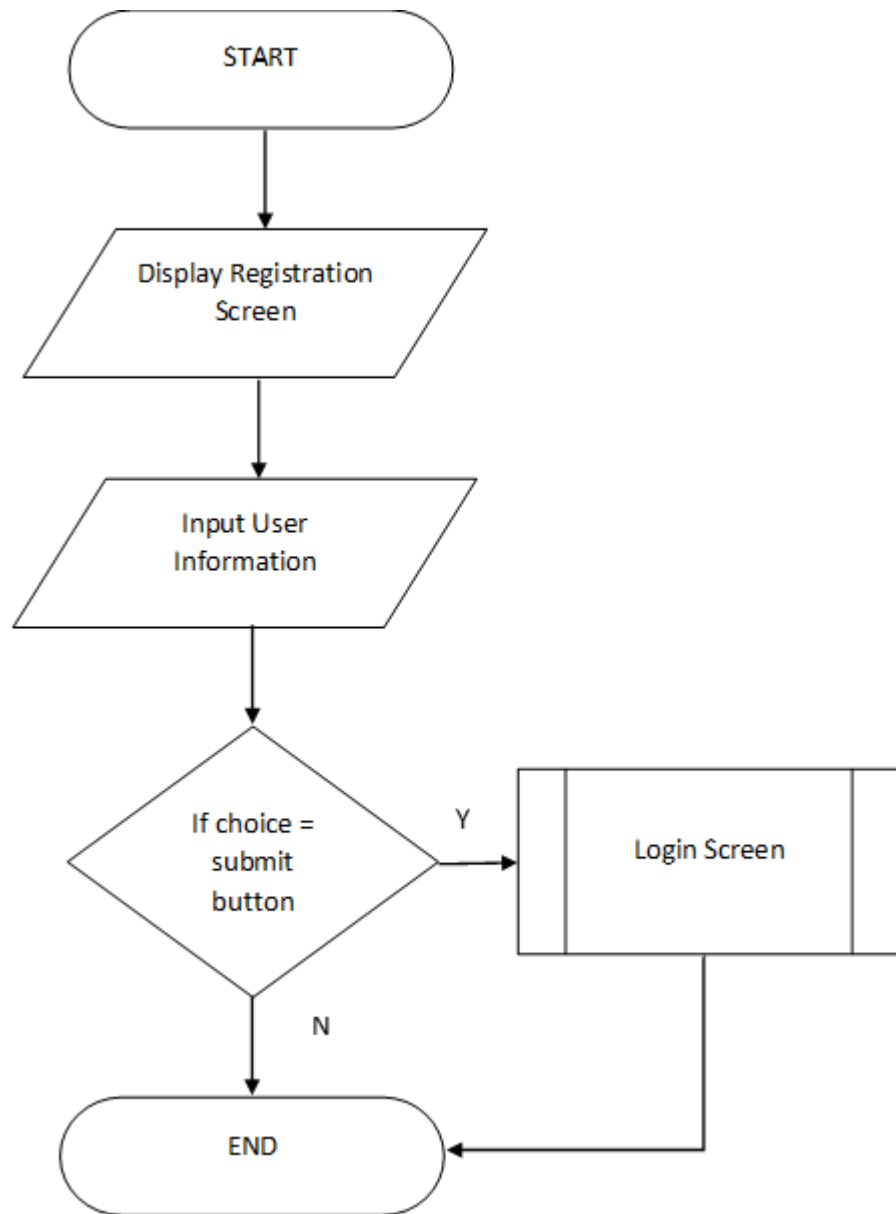


Figure 13. USER'S REGISTRATION

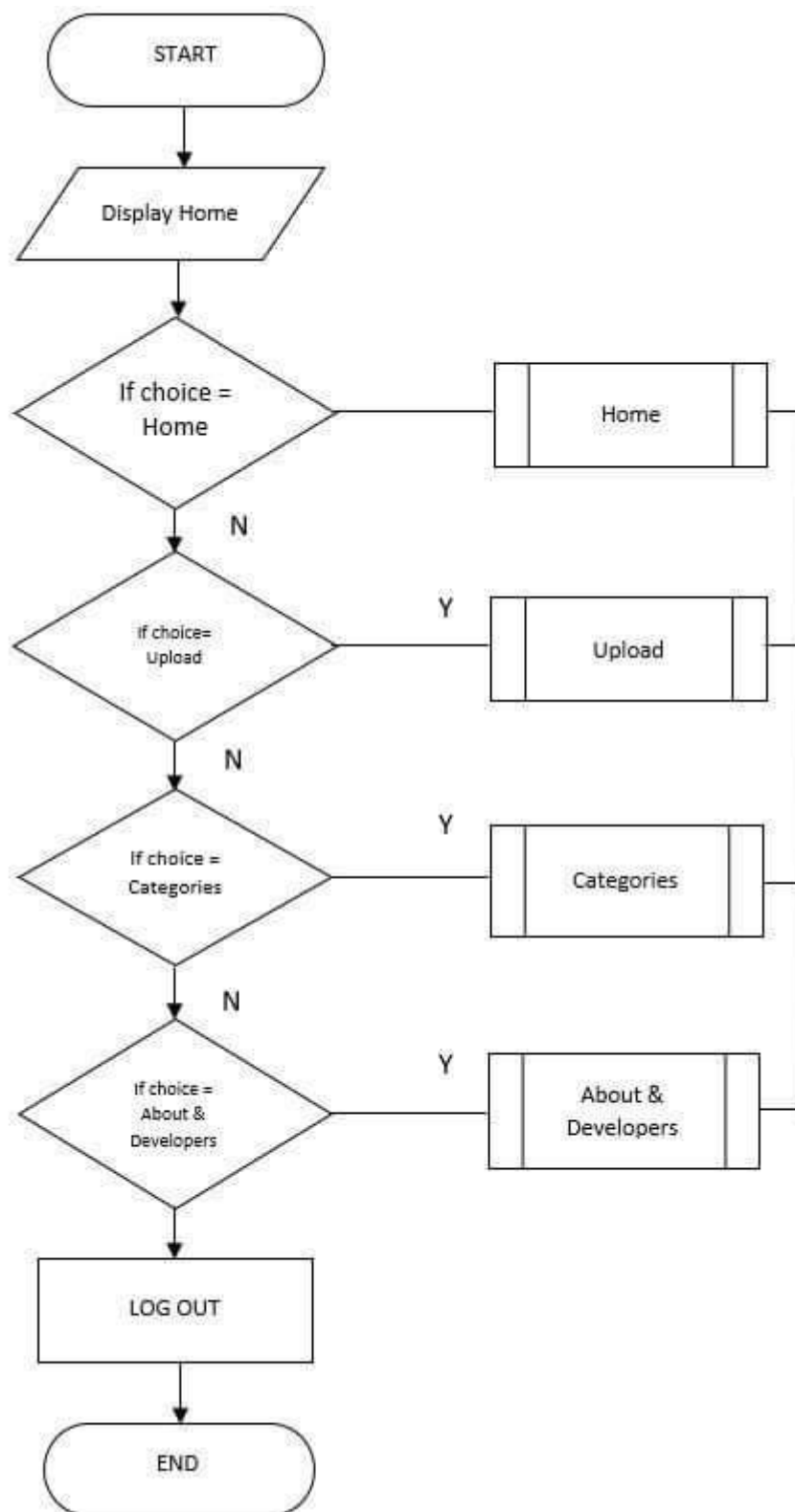


Figure 14. USER'S HOME

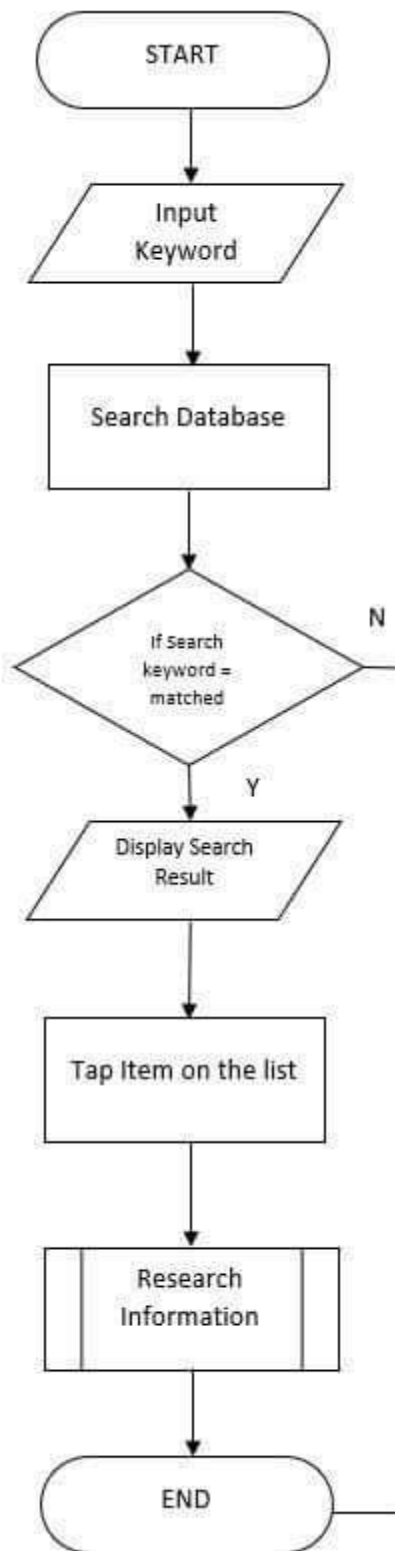


Figure 15. USER'S UPLOAD

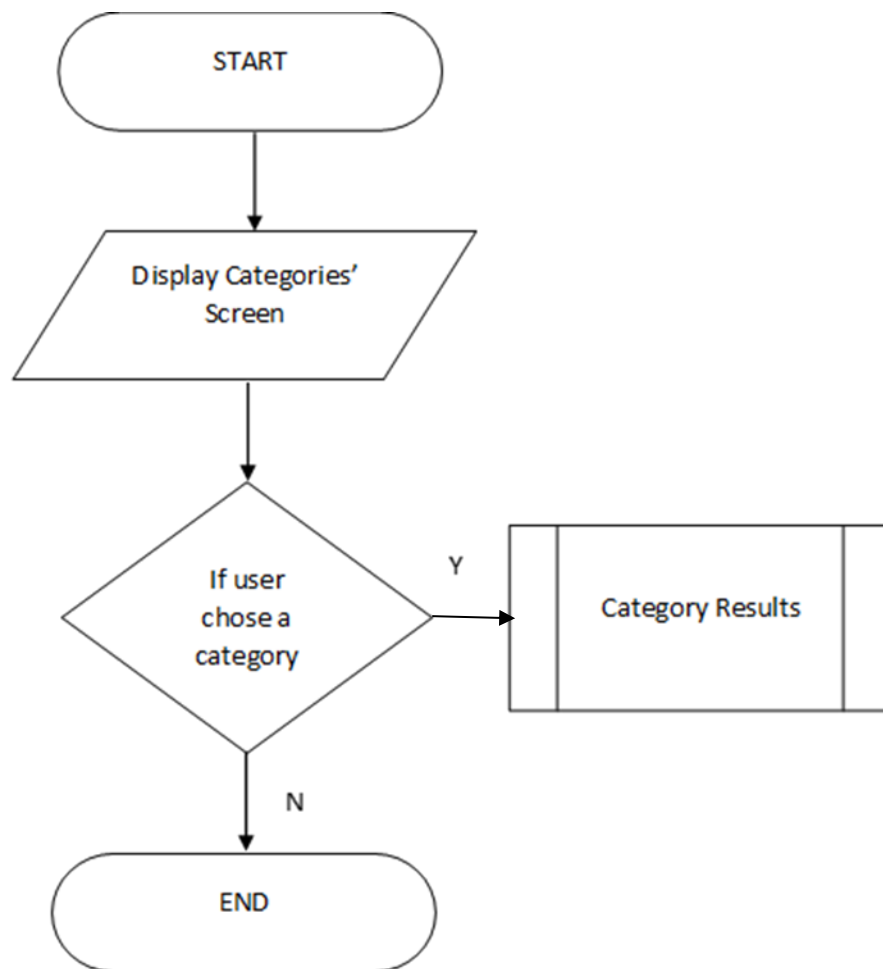


Figure 16. USER'S CATEGORIES

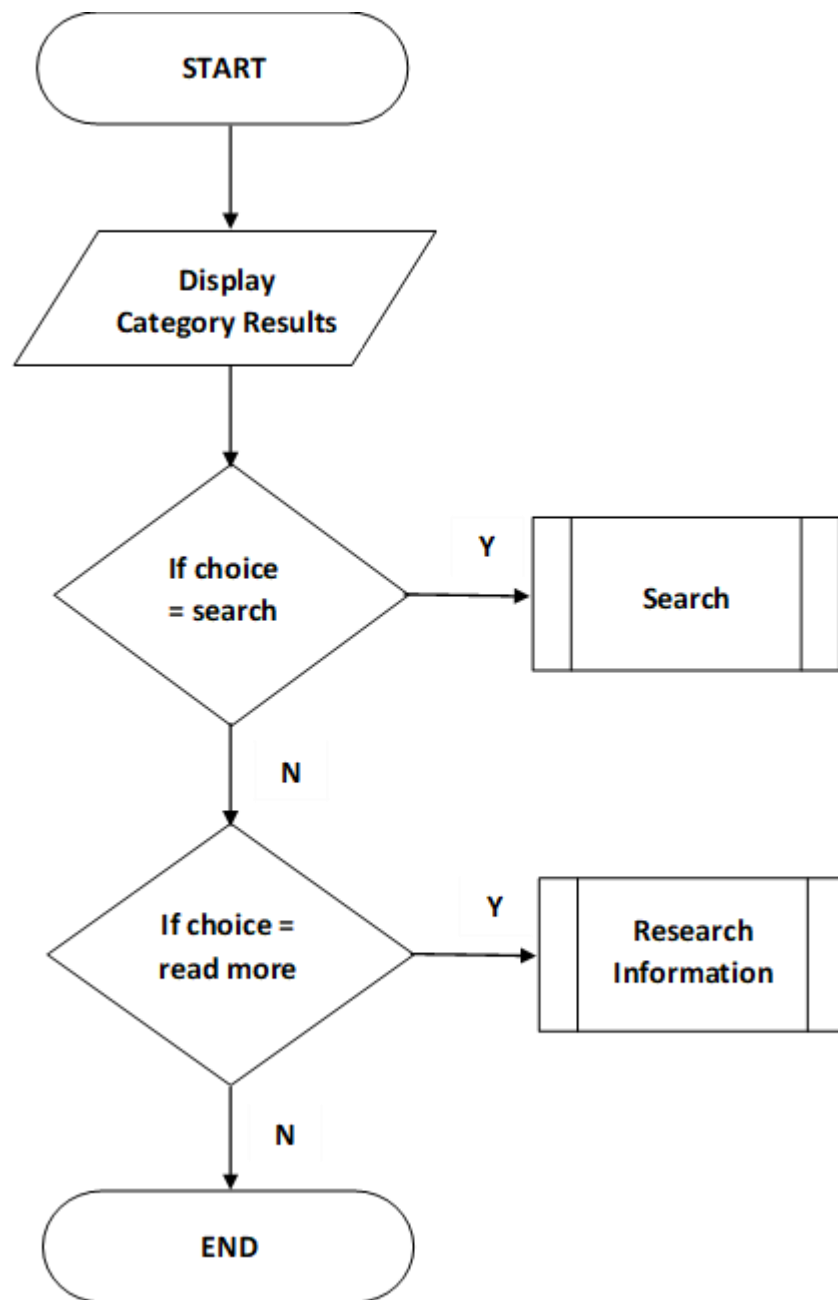


Figure 17. USER'S CATEGORY RESULTS

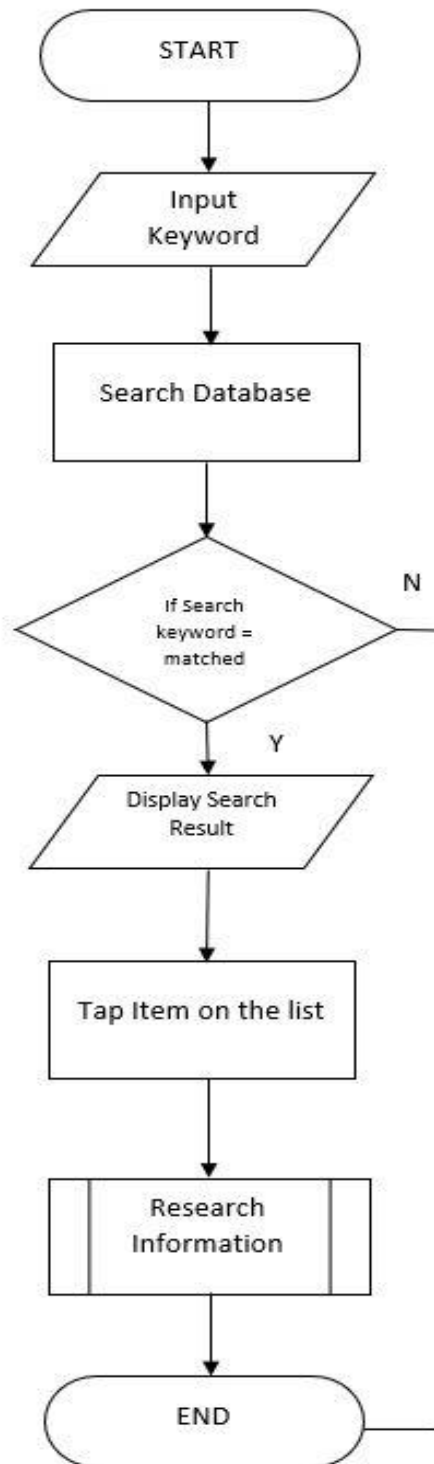


Figure 18. USER'S SEARCH

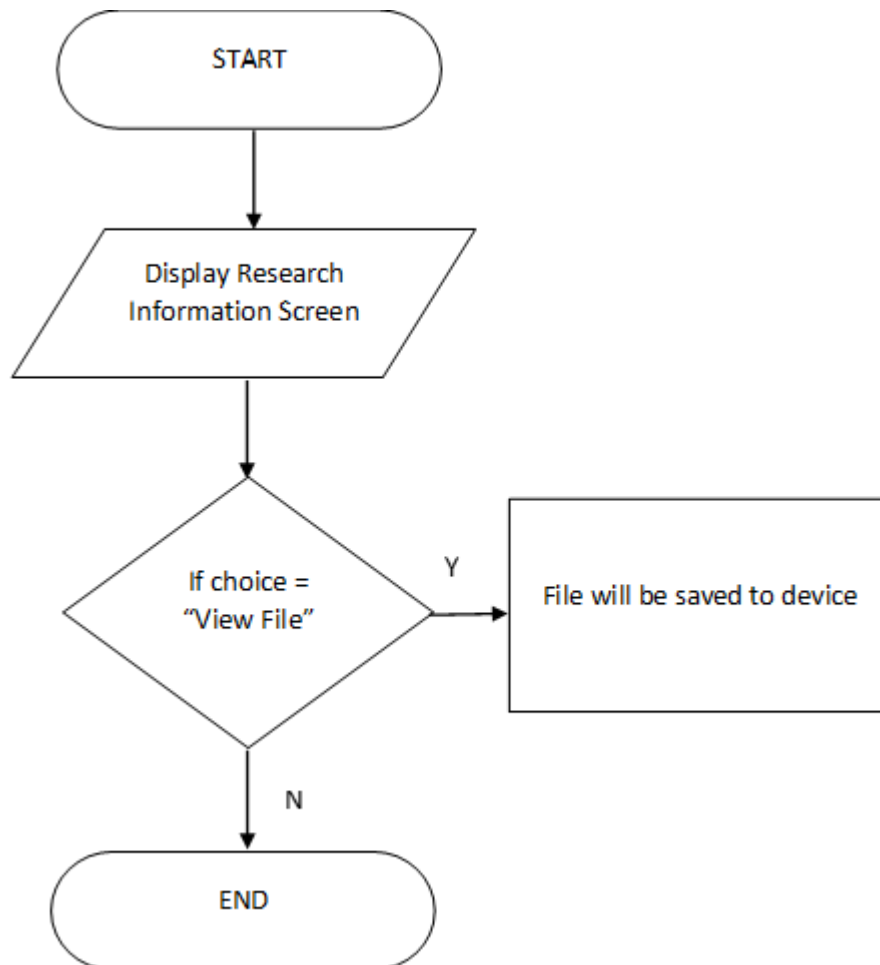


Figure 19. USER'S RESEARCH INFORMATION

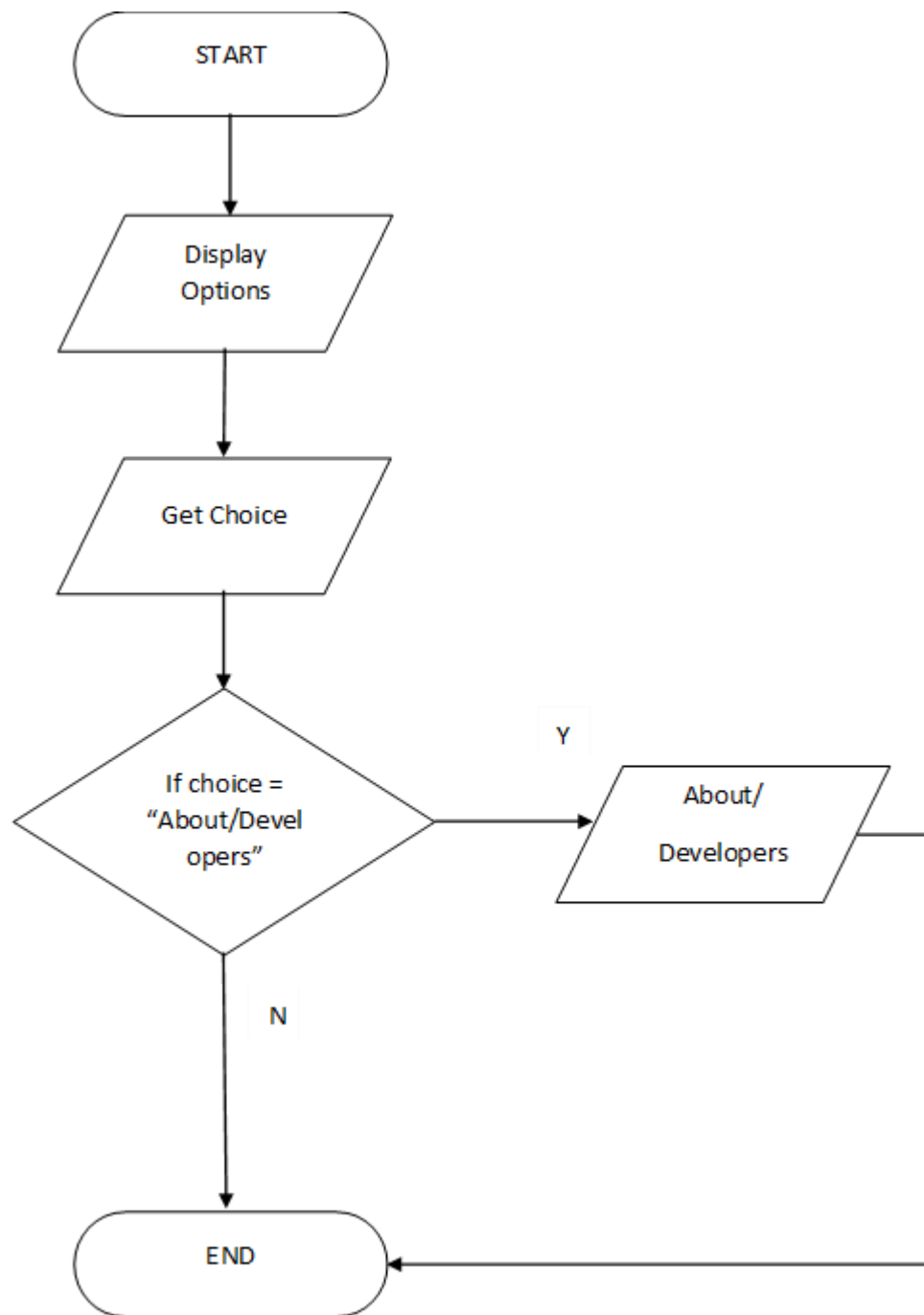


Figure 20. USER'S ABOUT & DEVELOPERS

4.0 DISCUSSIONS

Screenshots



Figure 21. ADMIN'S SPLASH SCREEN

It displays the logo of the application before proceeding to the login screen.

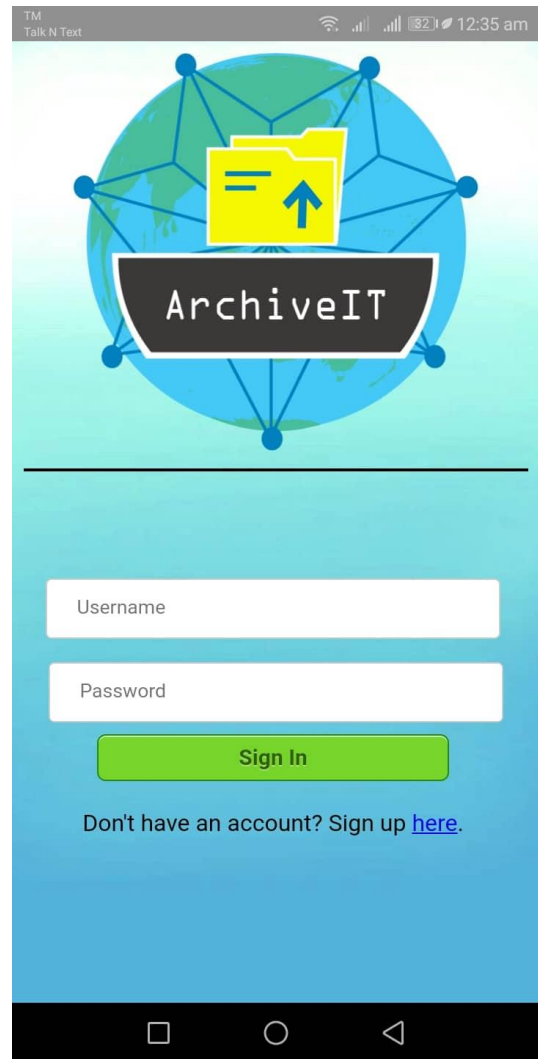


Figure 22. ADMIN'S LOGIN SCREEN

The login screen shows two options, Sign In or Sign Up. For Admin, the Developers already have an account. If no accounts have been created, they can Sign Up.



Figure 23. ADMIN'S HOME

It shows the main logo of the application on the home screen. It also displays five icons on the bottom part of the home screen, where you can upload, approve or decline the request, select a category, view the about & developers and logout.

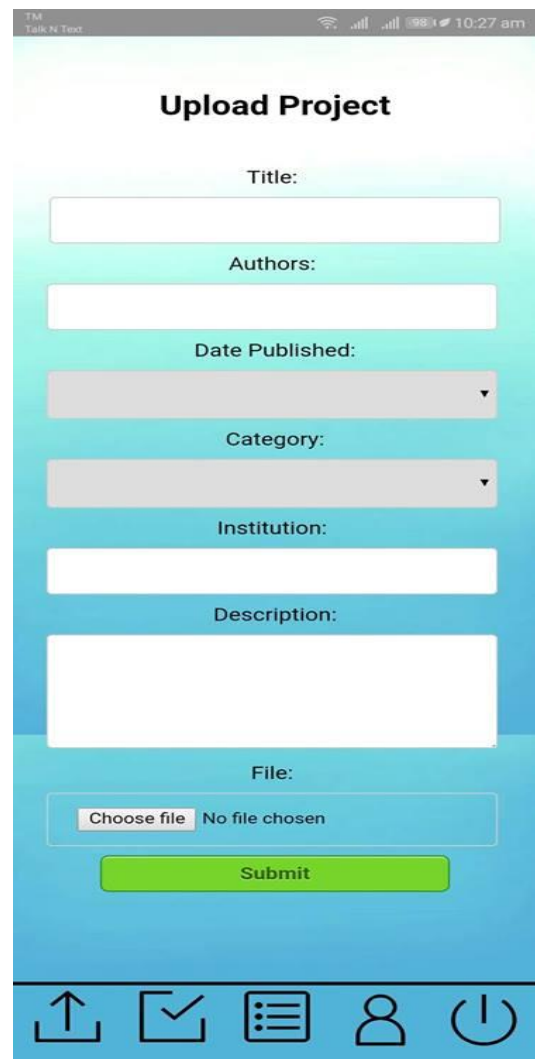


Figure 24. ADMIN'S UPLOAD

The Admin can directly upload the files and it will be automatically displayed in their selected category. It is required to complete the information.

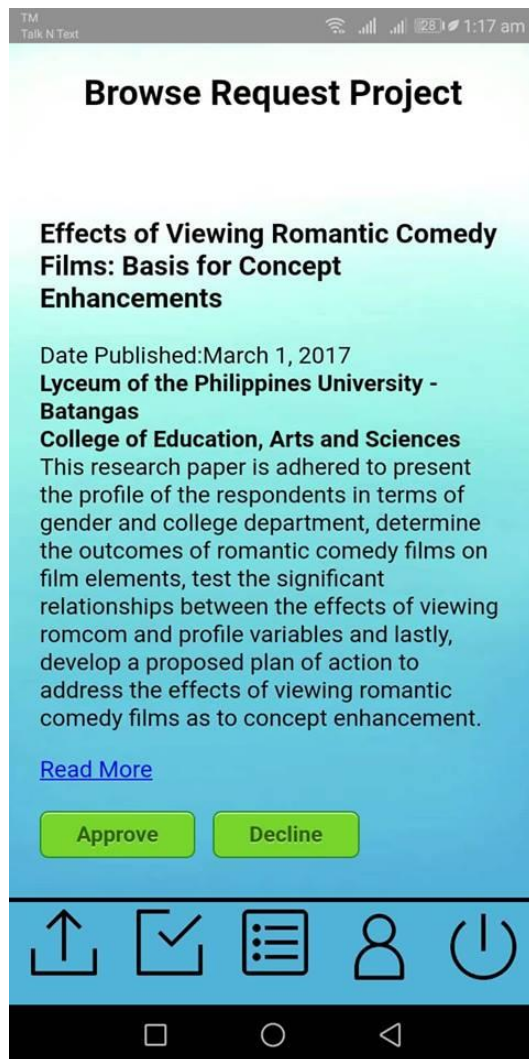


Figure 25. ADMIN'S REQUEST APPROVAL

When the user uploads a file, it will automatically appear in the admin's request approval for the verification of the file before it can be displayed in the selected category.



Figure 26. ADMIN'S CATEGORIES

It shows the different list of categories where you can browse the uploaded files.

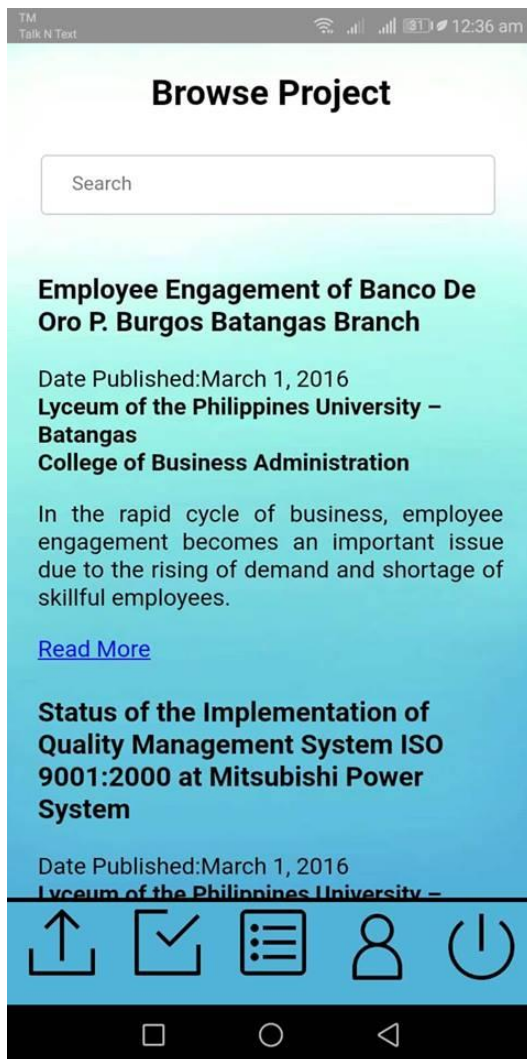


Figure 27. ADMIN'S CATEGORY RESULTS

It displays the uploaded files from the selected category.

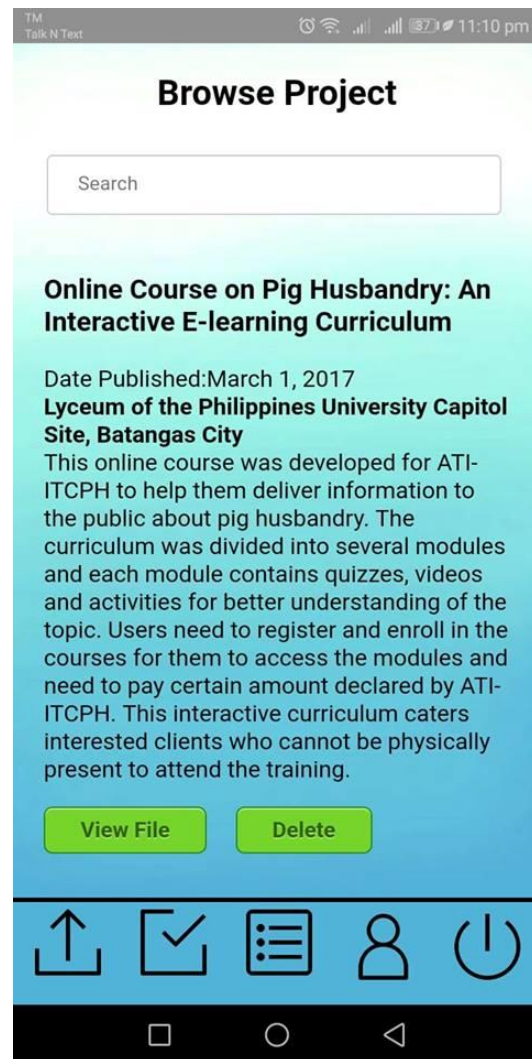


Figure 28. ADMIN'S RESEARCH INFORMATION

Upon selecting a certain file, you can view the whole research information and the abstract. It can also be downloaded if you click the view file button and it can be also deleted by the admin only.

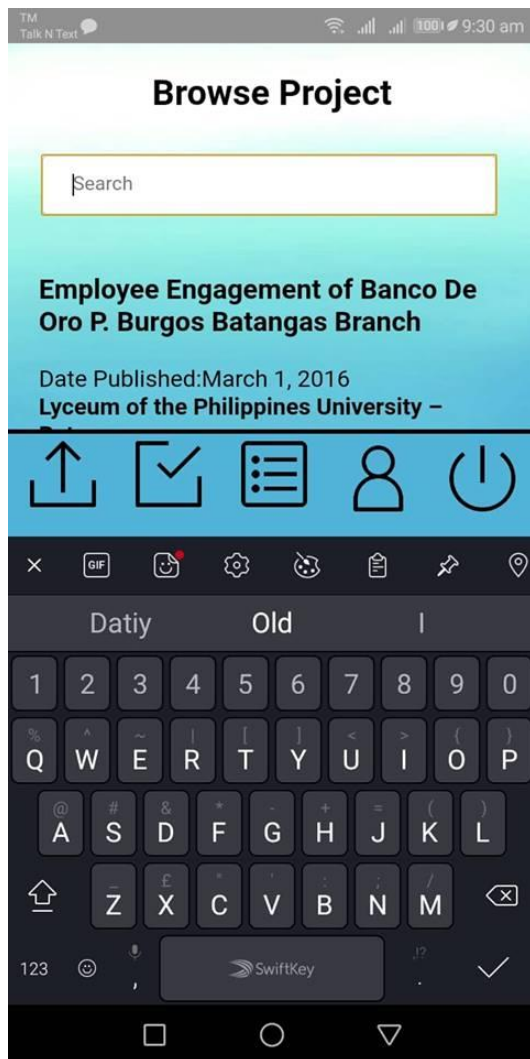


Figure 29. ADMIN'S SEARCH

In this part, the admin can look for the files easier through the search bar.



Figure 30. ADMIN'S ABOUT & DEVELOPERS

On the bottom part, the fourth icon displays what the application is all about & who the developers are.



Figure 31. USER'S SPLASH SCREEN

It displays the logo of the application before proceeding to the login screen.

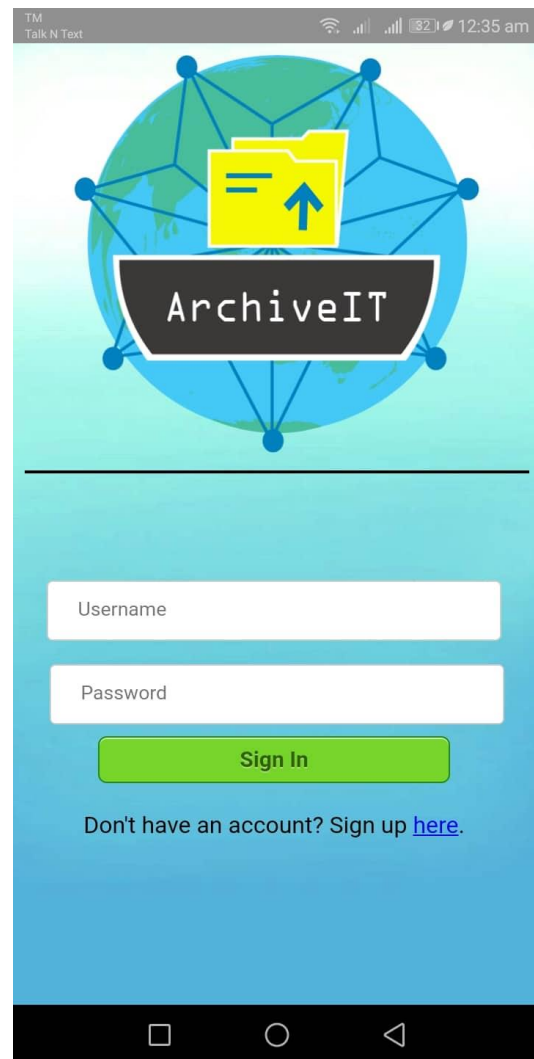


Figure 32. USER'S LOGIN SCREEN

The login screen shows two options, Sign In or Sign Up. For the User, they can use their Login account and if they haven't yet created their accounts, they can Sign Up.



Figure 33. USER'S REGISTRATION

Here, the user should input their preferred username and password. They should also have unique username and password. There is a format required for creating a password.



Figure 34. USER'S HOME

It shows the main logo of the application on the home screen. It also displays five icons on the bottom part of the home screen, where you can view the home, upload, select a category, view the about & developers and logout.

Figure 35. USER'S UPLOAD

When the user submitted a file, a message will be displayed “Your file is now pending for approval.” It will be displayed on the selected category after the approval of the admin.

Figure 36. USER'S CATEGORIES

It shows the different list of categories where you can browse the uploaded files.

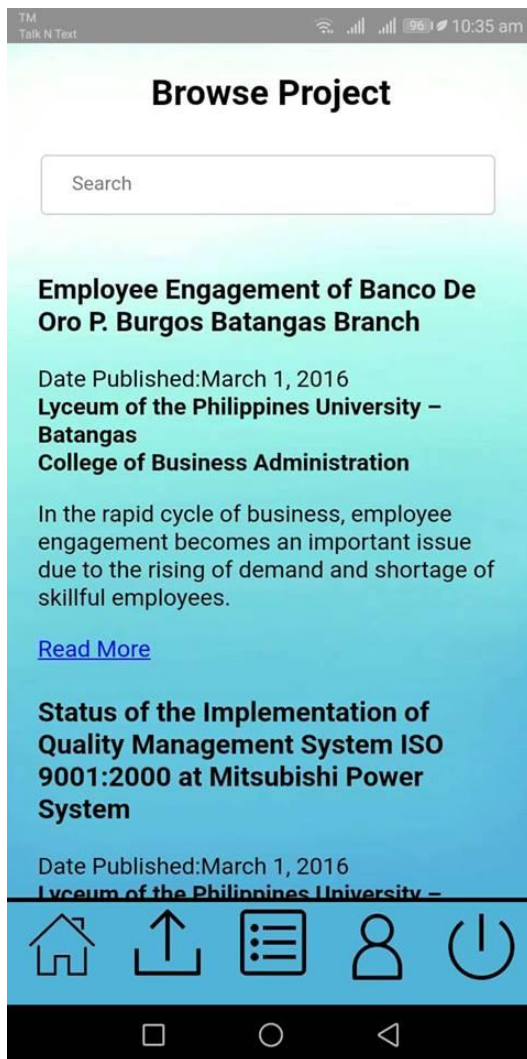


Figure 37. USER'S CATEGORY RESULTS

It displays the uploaded files from the selected category.

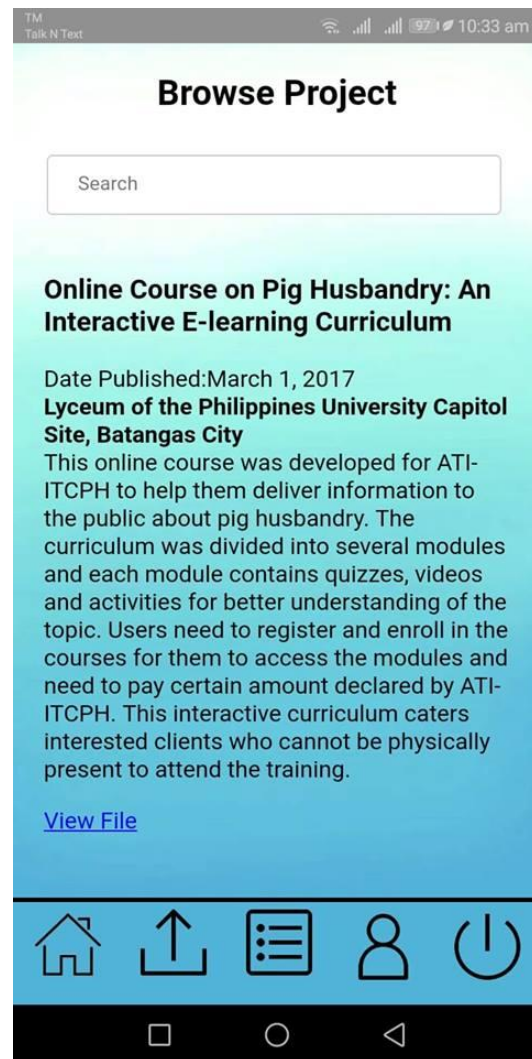


Figure 38. USER'S RESEARCH INFORMATION

Upon selecting a certain file, you can view the whole research information and the abstract. It can also be downloaded if you click the view file button but it can be deleted by the admin only.



Figure 39. USER'S SEARCH

In this part, the user can look for the files easier through the search bar.



Figure 40. USER'S ABOUT & DEVELOPERS

On the bottom part, the fourth icon displays what the application is all about & who the developers are.

5.0 SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

5.1 Summary

ArchiveIT is a mobile application that is made for everyone specially, students, researchers and professors. Not all individuals have access to a reliable library for researching but through ArchiveIT, by uploading and storing thesis and capstone project, they can obtain information anywhere and anytime if they are connected with the internet.

The application, ArchiveIT, is accessible because it has simple procedure that the user can easily understand. Admin and users are required to input the research information completely to be uploaded successfully. But the user must wait for the admin's approval of the uploaded file. When the file is approved by the admin, it appears in the desired category of the user.

ArchiveIT was designed and developed using several tools and software. Java is the programming language used for the development of the application and Php was used for the graphical user interface. MySQL is the cloud computing platform that was used as the online database of the mobile application.

5.2 Conclusions

Based on the features and advantages of the said capstone project, the researchers came up with the following conclusions:

1. Technology is one of the most effective and efficient way to solve the problem of most students and researchers in doing their research.

2. With the help of a mobile application, accessing and searching for what you need makes it easier and reliable.
3. Cloud computing is a technological development that has the potential for a great impact on the world. It has many benefits that it provides to its users.

5.3 Recommendations

ArchiveIT is recommended for Android phone users. To experience the full features and functions, the students, researchers must have a stable internet connection. The application is a way of advancing with the technology.

Future researchers who may have the same intention as the researchers are allowed to enhance this capstone project. The researchers can also add features to enhance the graphical user interface. Adding a user profile is also recommended. When the admin has approved the research, a notification can also be added to the user profile. Editing what the user uploaded is also suggested. Enhancements and improvements are suggested to fully make use of this application.

REFERENCES

- [1] Poushter, J. (2016, May 03). Smartphone Ownership and Internet Usage Continues to Climb in Emerging Economies. Retrieved from <https://responsivedesign.is/news/2016/05/smartphone-ownership-and-internet-usage-continues-to-climb-in-emerging-economies/>
- [2] What installed mobile applications tell about their owners and how they affect users' download behavior. (2017, May 17). Retrieved from <https://www.sciencedirect.com/science/article/pii/S0736585317300497>
- [3] LibGuides: Research Process: Research Databases. (n.d.). Retrieved from <http://pgcc.libguides.com/c.php?g=60038&p=385667>
- [4] How to Choose Your Mobile App Technology Stack. (2018, July 18). Retrieved from <https://www.credencys.com/blog/how-to-choose-your-mobile-app-technology-stack/>
- [5] Mobile App Privacy & Security | Online Trust Alliance. (n.d.). Retrieved from <https://otalliance.org/best-practices/mobile-app-privacy-security>
- [6] Schloss Dagstuhl - Leibniz Center for Informatics. (1993, January 01). Home. Retrieved from <https://dblp.uni-trier.de/db/conf/paap/paap2015>
- [7] Where Is Your Sensitive Information and Where Is It Going? (2018, February 16). Retrieved from <https://securityintelligence.com/where-is-your-sensitive-information-and-where-is-it-going/>
- [8] Brown, D. S. (2016, May 26). 7 Reasons Why You Need a Database Management System. Retrieved from <https://www.techopedia.com/2/31970/it-business/7-reasons-why-you-need-a-database-management-system>
- [9] Howarth, F. (2014, March 11). 5 Key Steps to Ensuring Database Security. Retrieved from <http://www.dbta.com/Editorial/Think-About-It/5-Key-Steps-to-Ensuring-Database-Security-95307.aspx>
- [10] Seeing Data Security Breaches With Your Own Eyes. (2018, September 18). Retrieved from <https://securityintelligence.com/seeing-data-security-breaches-with-your-own-eyes/>
- [11] The Buffalo News. (n.d.). Retrieved from <https://buffalonews.com/adblock/>
- [12] (n.d.). Retrieved from <https://www.journals.uchicago.edu/doi/10.1086/602884>

APPENDICES

A. USER'S MANUAL

B. Installation and Launch

1. Moving apk file to your mobile phones from CD via Computer

- a. Insert the CD drive into your computer's disc drive
- b. Copy the apk to your mobile phone.
- c. Install it

2. Sharing apk file via Bluetooth or ShareIt Application

- a. Open Bluetooth/ShareIt Application
- b. Pair Bluetooth or click Receive in ShareIt Application
- c. Click install to install ArchiveIT

3. Launching

Once installed ArchiveIT it can be launched by a single tap on the application icon.

C. Login Procedure

You must have a current valid account with ArchiveIT to login.

1. Enter your username in the input field marked "Username"
2. Tap on the input field labelled "Password" and type in the password
3. Tap on the button labelled
4. "Sign In" to finish the login procedure

D. Register Procedure for Users only

- a. From the login screen, click the Sign up link
- b. Fill in the required information to have an account

- c. Click submit button
- d. It will go back to the login screen and the user can login their accounts already

E. Logging in to Admin Account

Administrator may Upload, Approve or Decline, Update and Delete file from the application

1. Upload Screen

To view the Upload Screen:

- a. Click the Upload icon on the lower part of the home screen
- b. Fill in the required information to upload project
- c. Click Submit
- d. Uploaded Project will be automatically displayed in the selected Category

2. Admin's Approval Request Screen

- a. Click the second icon on the lower part of the home screen
- b. Approve or decline uploaded projects by the users
- c. Approved file will be automatically displayed in the selected Category
- d. Declined file will be deleted

3. Category Screen

- a. Click the third icon on the lower part of the home screen
- b. Categories will be displayed

- c. Click a category to display uploaded projects by the users
- d. Admins can delete files

4. About the application and developers

- a. Click the fourth icon on the lower part of the home screen
- b. Information about the application and the developers will be displayed

5. Logout

- a. Click the fifth icon on the lower part of the home screen
- b. It will logout and close the application

F. Logging in to User's account

Users may Upload, View and Download file from the application.

1 .Upload Screen

To view the Upload Screen:

- a. Click the Second icon on the lower part of the home screen
- b. Fill in the required information to upload project
- c. Click Submit
- d. Uploaded Project needs to be approved first

2. Category Screen

- c. Click the third icon on the lower part of the home screen
- d. Categories will be displayed

- e. Click a category to display uploaded projects by the users
- f. Users can download file from the uploaded project

3. About the application and developers

- a. Click the fourth icon on the lower part of the home screen
- b. Information about the application and the developers will be displayed

4. Logout

- a. Click the fifth icon on the lower part of the home screen
- b. It will logout and close the application

B. CODE LISTING

UPLOAD FOR ADMIN

```
<?php
include('../connect.php');

$author = $_POST['author'];
$title = $_POST['title'];
$date = $_POST['date'];
$institution = $_POST['institution'];
$category = $_POST['category'];
$abstract = $_POST['abstract'];
$status = 'Approved';

if(isset($_FILES['file_array'])){
    $name_array = $_FILES['file_array']['name'];
    $tmp_name_array = $_FILES['file_array']['tmp_name'];
    $type_array = $_FILES['file_array']['type'];
    $size_array = $_FILES['file_array']['size'];
    $error_array = $_FILES['file_array']['error'];
    for($i = 0; $i < count($tmp_name_array); $i++){
        if(move_uploaded_file($tmp_name_array[$i],
            "../uploads/".$name_array[$i])){
            }
        else {
            $pics="../uploads/" . $name_array;
            $picname = $name_array;
        }
    }
    // sample
    $target_dir = "../uploads/";
    $target_file
        = $target_dir
        . basename($_FILES["file_array"]["name"]);
    $uploadOk = 1;
    $imageFileType
        = pathinfo($target_file,PATHINFO_EXTENSION);
    // Check if image file is a actual image or fake image
    if(isset($_POST["submit"])) {
        $check = getimagesize($_FILES["file_array"]["tmp_name"]);
        if($check !== false) {
            $uploadOk = 1;
        } else {
            $uploadOk = 0;
        }
    }
    if (move_uploaded_file($_FILES["file_array"]["tmp_name"],
        $target_file))
        $save=mysql_query("INSERT INTO capstone
        (title,author,date,institution,abstract,status,file,category) VALUES
        ('$title','$author','$date','$institution','$abstract','$status','$picname','
        $category')");
    echo "<script type='text/javascript'>window.alert('File has been
    uploaded.');

```

REQUEST APPROVAL FOR ADMIN

```
<!doctype html>
<html>
<meta name="viewport" content="width=device-width, initial-
scale=1.0, maximum-scale=1.0, user-scalable=no" />
<head>
<style>
html, body {
height:100%;
}
body {
```

```
background-color:#FFF;
background-image: url(img/background.jpg);
background-size: 100% 100%;
background-repeat:no-repeat;
background-attachment:fixed;
}
hr {
border:1px solid #000;
}
.textbox {
width: 90%;
padding: 12px 20px;
margin: 8px 0;
display: inline-block;
border: 1px solid #ccc;
border-radius: 4px;
box-sizing: border-box;
}
.myButton {
-moz-box-shadow:inset 0px 1px 0px 0px #caefab;
-webkit-box-shadow:inset 0px 1px 0px 0px #caefab;
box-shadow:inset 0px 1px 0px 0px #caefab;
background-color:#77d42a;
-moz-border-radius:6px;
-webkit-border-radius:6px;
border-radius:6px;
border:1px solid #268a16;
display:inline-block;
cursor:pointer;
color:#306108;
font-family:Arial;
font-size:15px;
font-weight:bold;
padding:6px 24px;
text-decoration:none;
text-shadow:0px 1px 0px #aade7c;
}
.myButton:hover {
background-color:#5cb811;
}
.myButton:active {
position:relative;
top:1px;
}
#footer {
background-color:#52b3d9;
position: fixed;
bottom: 0;
width: 100%;
height: 70px;
left: 0;
margin: 0 auto;
border: 3px solid #000;
border-bottom: none;
border-left: none;
border-right: none;
}
</style>
</head><script >
(function(document) {
'use strict';
var LightTableFilter = (function(Arr) {
var _input;
function _onInputEvent(e) {
_input = e.target;
var tables
= document.getElementsByClassName(_input.getAttribute('data-
```

```

table'));
function(table) {
    Arr.forEach.call(table.tBodies, function(tbody) {
        Arr.forEach.call(tbody.rows,
            _filter);
        var x = $('#data-table tbody
tr:visible').length;
        document.getElementById("box").innerHTML =
        'Number of Prisoner: '+x;
    });
}

function _filter(row) {
    var text =
row.textContent.toLowerCase(), val = _input.value.toLowerCase();
    row.style.display =
text.indexOf(val) === -1 ? 'none' : 'table-row';
}
return {
    init: function() {
        var inputs =
document.getElementsByClassName('light-table-filter');
        Arr.forEach.call(inputs,
function(input) {
            input.oninput = _onInputEvent;
        });
    };
})(Array.prototype);
document.addEventListener('readystatechange',
function() {
    if (document.readyState === 'complete') {
        LightTableFilter.init()
    }
});
})(document);

```

// sourceURL=pen.js
 </script>
 <body>
 <center>
 <h2>Browse Request Project</h2>

 </center>
 <table class="tftable order-table table" id="data-table"
 style="margin:10px">
 <?php
 include('../connect.php');
 \$result = mysql_query("SELECT * FROM capstone
 WHERE status='Pending' ORDER BY date ASC");
 while(\$row = mysql_fetch_array(\$result))
 {
 echo '<tr>';
 echo '<td>';
 echo '<h3>'. \$row['title']. '</h3>';
 echo '<p>Date Published:'. date('F j,
 Y',strtotime(\$row['date'])). '
';
 echo ''. \$row["institution"]. '
';
 echo ''. \$row["category"]. '
';
 echo "'preg_replace('/(. *?[?!])(?=\s|\$)).*/',
 '\\1', \$row['abstract']). '</p>';
 echo 'Read More';
 echo '

';
 echo '<input type="button" value="Approve"
 class="myButton"
 onclick="window.location=\'approve.php?id='.\$row['id'].'\'>

```

    &nbsp; <input type="button" value="Decline" class="myButton"
    onclick="window.location=\'decline.php?id='.$row['id'].'\'>';
        echo '</td>';
        echo '</tr>';
    }
    ?>
    </table>
    <br>
    <br>
    <br>
    <br>
    <br>
    <div id="footer">
    <table style="height:50px;width:100%;border-bottom:none"
    border="0">
        <tr>
            <td style="width="20%"
            valign="middle"><center></td>
            <td style="width="20%"
            valign="middle"><center></td>
            <td style="width="20%"
            valign="middle"><center></td>
            <td style="width="20%"
            valign="middle"><center></td>
            <td style="width="20%"
            valign="middle"><center></td>
        </tr>
    </table>
    </div>
    </body>
    </html>
    
```

CATEGORIES FOR ADMIN

```

<!doctype html>
<html>
<meta name="viewport" content="width=device-width, initial-
scale=1.0, maximum-scale=1.0, user-scalable=no" />
<head>
<style>
html, body {
height: 100%;
}
body {
background-color:#FFF;
background-image: url(img/background.jpg);
background-size: 100% 100%;
background-repeat:no-repeat;
background-attachment:fixed;
}
hr {
border: 1px solid #000;
}
.textbox {
width: 90%;
padding: 12px 20px;
margin: 8px 0;
display: inline-block;
border: 1px solid #ccc;
    
```

```

border-radius: 4px;
box-sizing: border-box;
}
.myButton {
width: 70%;
-moz-box-shadow: inset 0px 1px 0px 0px #caefab;
-webkit-box-shadow: inset 0px 1px 0px 0px #caefab;
box-shadow: inset 0px 1px 0px 0px #caefab;
background-color: #77d42a;
-moz-border-radius: 6px;
-webkit-border-radius: 6px;
border-radius: 6px;
border: 1px solid #268a16;
display: inline-block;
cursor: pointer;
color: #306108;
font-family: Arial;
font-size: 15px;
font-weight: bold;
padding: 6px 24px;
text-decoration: none;
text-shadow: 0px 1px 0px #aade7c;
}
.myButton:hover {
background-color: #5cb811;
}
.myButton:active {
position: relative;
top: 1px;
}
#footer {
background-color: #52b3d9;
position: fixed;
bottom: 0;
width: 100%;
height: 70px;
left: 0;
margin: 0 auto;
border: 3px solid #000;
border-bottom: none;
border-left: none;
border-right: none;
}
</style>
</head><script>
(function(document) {
'use strict';

var LightTableFilter = (function(Arr) {

var _input;

function _onInputEvent(e) {
_input = e.target;
var tables =
document.getElementsByClassName(_input.getAttribute('data-
table'));
Arr.forEach.call(tables,
function(table) {
Arr.forEach.call(table.tBodies, function(tbody) {
Arr.forEach.call(tbody.rows,
function(row) {
var x = $('#data-table tbody
tr:visible').length;
document.getElementById("box").innerHTML +=
'Number of Prisoner: '+x;
});
});
});
});
});

```

```

}
function _filter(row) {
var text =
row.textContent.toLowerCase(), val = _input.value.toLowerCase();
row.style.display =
text.indexOf(val) === -1 ? 'none' : 'table-row';
}
return {
init: function() {
var inputs =
document.getElementsByClassName('light-table-filter');
Arr.forEach.call(inputs, function(input) {
input.oninput = _onInputEvent;
});
})(Array.prototype);
document.addEventListener('readystatechange',
function() {
if (document.readyState === 'complete') {
LightTableFilter.init();
}
});
})(document);
// sourceURL=pen.js
</script>
<body>
<center>
<h2>Select Category</h2>
<input type="text" name="Search" required placeholder="Search"
class="light-table-filter email textbox" data-table="order-table" >
<br>
</center>
<table class="tftable order-table table" id="data-table"
style="width:100%">
<tr
onclick="window.location='browse1.php?id=College of Business
Administration'">
<td>
<hr>
<h3>Business Administration</h3>
<hr>
</td>
</tr>
<tr
onclick="window.location='browse1.php?id=College of Computer
Studies'">
<td>
<h3>Computer
Studies</h3>
<hr>
</td>
</tr>
<tr
onclick="window.location='browse1.php?id=College of
Engineering'">
<td>
<h3>Engineering</h3>
<hr>
</td>
</tr>

```

```

        <tr>
onclick="window.location='browse1.php?id=College of
International Tourism and Hospitality Management'">
            <td>
                <h3><img src='../img/7.png' width='50px'
style='vertical-align:middle;margin-right:20px'>International
Tourism and Hospitality Management</h3>
                <hr>
            </td>
        </tr>
        <tr>
onclick="window.location='browse1.php?id=College of Education,
Arts and Sciences'">
            <td>
                <h3><img src='../img/8.png' width='50px'
style='vertical-align:middle;margin-right:20px'>Education, Arts
and Sciences</h3>
                <hr>
            </td>
        </tr>
        <tr>
onclick="window.location='browse1.php?id=College of
Criminology'">
            <td>
                <h3><img src='../img/5.png' width='50px'
style='vertical-align:middle;margin-
right:20px'>Criminology</h3>
                <hr>
            </td>
        </tr>
        <tr>
onclick="window.location='browse1.php?id=College of
Dentistry'">
            <td>
                <h3><img src='../img/4.png' width='50px'
style='vertical-align:middle;margin-right:20px'>Dentistry</h3>
                <hr>
            </td>
        </tr>
        <tr>
onclick="window.location='browse1.php?id=College of Nursing'">
            <td>
                <h3><img src='../img/11.png'
width='50px' style='vertical-align:middle;margin-
right:20px'>Nursing</h3>
                <hr>
            </td>
        </tr>
        <tr>
onclick="window.location='browse1.php?id=College of Allied
Medical Professions'">
            <td>
                <h3><img src='../img/12.png'
width='50px' style='vertical-align:middle;margin-
right:20px'>Allied Medical Professions</h3>
                <hr>
            </td>
        </tr>
        <tr>
onclick="window.location='browse1.php?id=College of
Maritime'">
            <td>
                <h3><img src='../img/2.png' width='50px'
style='vertical-align:middle;margin-right:20px'>Maritime</h3>
                <hr>
            </td>
        </tr>
    </table>
<br>

```

```

<br>
<br>
<br>
<br>
<div id="footer">
<table style="height:50px;width:100%;border-bottom:none"
border="0">
    <tr>
        <td
            width="20%"
            valign="middle"><center></td>
        <td
            width="20%"
            valign="middle"><center></td>
        <td
            width="20%"
            valign="middle"><center></td>
        <td
            width="20%"
            valign="middle"><center></td>
        <td
            width="20%"
            valign="middle"><center></td>
    </tr>
</table>
</div>
</body>
</html>

```

CATEGORY RESULTS FOR ADMIN

```

<!doctype html>

<html> <meta name="viewport" content="width=device-width,
initial-scale=1.0, maximum-scale=1.0, user-scalable=no" /><head>

<style>

html, body {

height: 100%;

}

body {

background-color: #FFF;

background-image: url(img/background.jpg);

background-size: 100% 100%;

background-repeat: no-repeat;

background-attachment: fixed;

}

hr {

```

```

border: 1px solid #000;
}

.textbox {
    width: 90%;
    padding: 12px 20px;
    margin: 8px 0;
    display: inline-block;
    border: 1px solid #ccc;
    border-radius: 4px;
    box-sizing: border-box;
}

.myButton {
    width: 70%;
    -moz-box-shadow: inset 0px 1px 0px 0px #caefab;
    -webkit-box-shadow: inset 0px 1px 0px 0px #caefab;
    box-shadow: inset 0px 1px 0px 0px #caefab;
    background-color: #77d42a;
    -moz-border-radius: 6px;
    -webkit-border-radius: 6px;
    border-radius: 6px;
    border: 1px solid #268a16;
    display: inline-block;
    cursor: pointer;
    color: #306108;
    font-family: Arial;
    font-size: 15px;
    font-weight: bold;
    padding: 6px 24px;
    text-decoration: none;
    text-shadow: 0px 1px 0px #aade7c;
}

.myButton:active {
    position: relative;
    top: 1px;
}

#footer {
    background-color: #52b3d9;
    position: fixed;
    bottom: 0;
    width: 100%;
    height: 70px;
    left: 0;
    margin: 0 auto;
    border: 3px solid #000;
    border-bottom: none;
    border-left: none;
    border-right: none;
}
</style>

</head><script>

(function(document) {
    'use strict';

    var LightTableFilter = (function(Arr) {

var _input;

function _onInputEvent(e) {
    _input = e.target;

    var tables =
document.getElementsByClassName(_input.getAttribute('data-
table'));
    Arr.forEach.call(tables, function(table) {
        Arr.forEach.call(table.tBodies,
function(tbody) {
            Arr.forEach.call(tbody.rows, _filter);

            var x = $('#data-table tbody
tr:visible').length;
            document.getElementById("box").innerHTML +=
'Number of Prisoner: '+x;
        });
    });
});

```

```

    } function _filter(row) {

        var      text      =
row.textContent.toLowerCase(), val = _input.value.toLowerCase();

        row.style.display =
text.indexOf(val) === -1 ? 'none' : 'table-row';
        return {

            init: function() {

                var      inputs      =
document.getElementsByClassName('light-table-filter');
                Arr.forEach.call(inputs, function(input) {
                    input.oninput = _onInputEvent;

                }); }

            };

        })(Array.prototype);

        document.addEventListener('readystatechange', function() {

            if (document.readyState === 'complete') {

                LightTableFilter.init();

            }

        });

    })(document);

    ## sourceURL=pen.js

</script>

<body>

<center>

<h2>Browse Project</h2>

<input      type="text"      name="capstore"      required
placeholder="Search" class="light-table-filter email textbox" data-
table="order-table" > <br>

</center>

<table      class="tftable      order-table      table"      id="data-table"
style="margin:10px">

<?php

include('../connect.php');

$id = $_GET['id'];

$result = mysql_query("SELECT * FROM capstone
WHERE status='Approved' AND category = '$id' ORDER BY date
ASC");

while($row = mysql_fetch_array($result))

    {

        echo '<tr>';

        echo '<td>';

```

```

        echo '<h3>'.$row['title'].'</h3>';

        echo      '<p>Date      Published:'.date('F      j,
Y',strtotime($row['date'])).<br>';

        echo      '<b>'.$row["institution"].</b><br>';

        echo      '<b>'.$row["category"].</b></p>';

        echo

            align="justify">'.preg_replace('/(.*?[?!.](?=\s|$)).*/',
            $row['abstract']).</p>';

        echo

            href="view.php?id='.$row['id'].'">Read More</a>';

        echo '</td>';

        echo '</tr>';

    }

?>

</table>

<br>

<br>

<br>

<br>

<br>

<br>

<div id="footer">

<table      style="height:50px;width:100%;border-bottom:none"
border="0">

    <tr>

        <td

            width="20%"
            valign="middle"><center></td>

        <td

            width="20%"
            valign="middle"><center></td>

        <td

            width="20%"
            valign="middle"><center></td>

        <td

            width="20%"
            valign="middle"><center></td>

    </tr>

</div>

```

```

        <td width="20%"
        valign="middle"><center></td>

    </tr>

</table>

</div>

</body>

</html>

```

RESEARCH INFORMATION FOR ADMIN

```

<!doctype html>

<html>

<meta name="viewport" content="width=device-width, initial-
scale=1.0, maximum-scale=1.0, user-scalable=no" />

<head>

<style>

html, body {

height:100%;

}

body {

background-color:#FFF;

background-image: url(img/background.jpg);

background-size: 100% 100%;

background-repeat:no-repeat;

background-attachment:fixed;

}

hr {

border:1px solid #000;

}

.textbox {

width: 90%;

padding: 12px 20px;

margin: 8px 0;

```

```

display: inline-block;

border: 1px solid #ccc;

border-radius: 4px;

box-sizing: border-box;

}

.myButton {

-moz-box-shadow:inset 0px 1px 0px 0px #caefab;

-webkit-box-shadow:inset 0px 1px 0px 0px #caefab;

box-shadow:inset 0px 1px 0px 0px #caefab;

background-color:#77d42a;

-moz-border-radius:6px;

-webkit-border-radius:6px;

border-radius:6px;

border:1px solid #268a16;

display:inline-block;

cursor:pointer;

color:#306108;

font-family:Arial;

font-size:15px;

font-weight:bold;

padding:6px 24px;

text-decoration:none;

text-shadow:0px 1px 0px #aade7c;

}

.myButton:hover {

background-color:#5cb811;

}

.myButton:active {

position:relative;

top:1px;

}

#footer {

```

```

        background-color:#52b3d9;

position: fixed;
bottom: 0;
width: 100%;

        height:70px;
        left:0;
        margin:0 auto;
        border:3px solid #000;
        border-bottom:none;
        border-left:none;
        border-right:none;
    }
</style>
</head><script >

        (function(document) {

        'use strict';

        var LightTableFilter = (function(Arr) {

                var _input;

                function _onInputEvent(e) {

                        _input = e.target;

                        var tables =
document.getElementsByClassName(_input.getAttribute('data-
table'));

                        Arr.forEach.call(tables,

function(table) {

                                Arr.forEach.call(table.tBodies, function(tbody) {

                                        Arr.forEach.call(tbody.rows, _filter);

                                        var x = $('#data-table tbody
tr:visible').length;

                                        document.getElementById("box").innerHTML +=
'Number of Prisoner: '+x;

                                        }); }); }

function _filter(row) {

                var text =
row.textContent.toLowerCase(), val = _input.value.toLowerCase();

                row.style.display =
text.indexOf(val) === -1 ? 'none' : 'table-row';} return {
                init: function() {

                        var inputs =
document.getElementsByClassName('light-table-filter');

                        Arr.forEach.call(inputs, function(input) {

                                input.oninput = _onInputEvent;

                        }); }

                })(Array.prototype);

                document.addEventListener('readystatechange', function() {

                        if (document.readyState === 'complete') {

                                LightTableFilter.init(); }

                });

        })(document);

        //# sourceMappingURL=pen.js

</script>

<body>

<center>

<h2>Browse Project</h2>

<input type="text" name="search" required placeholder="Search"
class="light-table-filter email textbox" data-table="order-table" >

<br>

</center>

<table class="tftable order-table table" id="data-table"
style="margin:10px">

<?php

$cid = $_GET['id'];

include('../connect.php');

$result = mysql_query("SELECT * FROM capstone
WHERE status='Approved' AND id = '$cid' ORDER BY date ASC");

while($row = mysql_fetch_array($result))

        {

                echo '<tr>';

                echo '<td>';

```


CURRICULUM VITAE

Personal Information

Name: Liezzel B. Acob
Address: Brgy 6 Poblacion, 28 D. Silang St. Batangas City
Email: liezzel.acob@gmail.com
Date of Birth: September 8, 1998
Citizenship: Filipino
Religion: Roman Catholic
Gender: Female
Age: 20



Educational Background

Primary : Marian Learning Center and Science High School
Secondary : St. Bridget College
Tertiary : Lyceum of the Philippines University - Batangas

Skills

- Knowledgeable in Microsoft Office such as Word, Excel, and PowerPoint.
- Graphic Designing using Adobe Photoshop, Adobe Illustrator, Adobe InDesign.
- Web development and Web designing using Adobe Dreamweaver

Seminars And Trainings Attended

- iSite Calabarzon: MOBILE APPLICATION & GAME DEVELOPMENT
Freedom Hall, Lyceum of the Philippines University – Batangas, Batangas City
August 22, 2016
- Women Rock IT Webinar: Meet the Women Discovering New Ways of Story Telling with Technology
La Café, Lyceum of the Philippines University – Batangas, Batangas City
September 25, 2018
- The Integrated Southern Tagalog Association of Information Technology Education (iSite): “Data Science and Artificial Intelligence”
Lyceum of the Philippines University – Laguna, Km. 54, National Hi-way, Makiling, Calamba City Laguna
October 1, 2018

Awards and Recognitions

- 3rd Placer in the Web Development Competition during the celebration of College of Computer Studies Days 2018
- Computer Systems Servicing NC II Passer (Troubleshooting and Computer Repair)

CURRICULUM VITAE

Personal Information

Name: Judy Ann D. Manalo
Address: #25 Villa Orense Subdivision, Pob IV, Bauan, Batangas
Email: judy.manalo18@gmail.com
Date of Birth: November 4, 1998
Citizenship: Filipino
Religion: Roman Catholic
Gender: Female
Age: 20



Educational Background

Primary : Sta. Teresa College
Secondary : Sta. Teresa College
Tertiary : Lyceum of the Philippines University - Batangas

Skills

- Knowledgeable in Programming Languages such as VB.NET, C++ and Java
- Graphic Designing using Adobe Photoshop, Adobe Illustrator

Seminars And Trainings Attended

- iSite Calabarzon: MOBILE APPLICATION & GAME DEVELOPMENT
Freedom Hall, Lyceum of the Philippines University – Batangas, Batangas City
August 22, 2016
- PlugIT: JPCS Tech Caravan in Batangas
Freedom Hall, Lyceum of the Philippines University – Batangas, Batangas City
February 17, 2018
- Women Rock IT Webinar: Meet the Women Discovering New Ways of Story Telling with Technology
Le Café, Lyceum of the Philippines University – Batangas, Batangas City
September 25, 2018
- The Integrated Southern Tagalog Association of Information Technology Education (iSite): “Data Science and Artificial Intelligence”
Lyceum of the Philippines University – Laguna, Calamba City Laguna
October 1, 2018

Awards and Recognitions

- 2nd placer, C++ Programming Skills Competition, CCS Days 2017
- Computer Systems Servicing NC II Passer (Troubleshooting and Computer Repair)

CURRICULUM VITAE

Name: Ryan Angelo M. Matibo

Address: Poblacion Lobo, Batangas

Email: ryanmatibo1608@gmail.com

Date of Birth: November 26, 1998

Citizenship: Filipino

Religion: Roman Catholic

Gender: Female

Age: 20



Educational Background

Primary : Lobo Elementary School

Secondary : Lobo Institute Inc.

Tertiary : Lyceum of the Philippines University - Batangas

Skills

- Graphic Designing using Adobe Photoshop, Adobe Illustrator, Adobe Dreamweaver, Adobe InDesign and Adobe Premier
- Knowledgeable in Programming Languages such as VB.NET, C++, Cisco and Java
- Knowledgeable about Database Management in My SQL.

Seminars And Trainings Attended

- Mobile Application & Game Development Seminar
Lyceum of the Philippines – Batangas
Capitol Site, Batangas City
August 22, 2016
- Women Rock IT
Lyceum of the Philippines – Batangas
Capitol Site, Batangas City
September 25, 2018
- Data Science and Artificial Intelligence
Lyceum of the Philippines – Laguna
Km. 54. National Hi-way, Makiling, Calamba City Laguna
October 1, 2018

Awards and Recognitions

- Computer Systems Servicing NC II Passer (Troubleshooting and Computer Repair)

CURRICULUM VITAE

Personal Information

Name: Hannah Janine E. Velasquez
Address: Aquino Ave., Pob. San Pascual, Batangas
Email: hannahjanine.velasquez@gmail.com
Date of Birth: August 3, 1998
Citizenship: Filipino
Religion: Roman Catholic
Gender: Female
Age: 20



Educational Background

Primary : University of Batangas
Secondary : University of Batangas
Tertiary : Lyceum of the Philippines University - Batangas

Skills

- Adobe Creative Suite (Photoshop, InDesign, After Effects, Dreamweaver)
- Network and Hardware Troubleshooting
- Microsoft office (MS Word, Powerpoint, etc.)

Seminars And Trainings Attended

- iSITE Mobile Application & Game Development
Lyceum of the Philippines University – Batangas
Capitol Site, Batangas City
August 21, 2016
- ITBPM Roadshow in the next wave cities
Provincial Cooperative Development Center
Capitol Compound, Batangas City
November 21-22, 2016
- iSITE Drone Technology and Digital Photography
Colegio de San Juan de Letran
Calamba City, Laguna
January 31, 2017

Awards and Recognitions

- Cisco Skills Competition 2017 CCENT Round 2 Qualifier
- SAP Business One Certificate of Completion
- Computer Systems Servicing NC II Passer (Troubleshooting and Computer Repair)
- Best Presenter, Research Forum CCS Days 2019