

Hand**DIY**craft

PROGRESS REPORT !

By

Nahathai
Pimchanok

Kaewtatib
Sripraphan

542115018
542115043

Agenda

INTRODUCTION

PROGRESS REPORT 1
WORK ITEMS

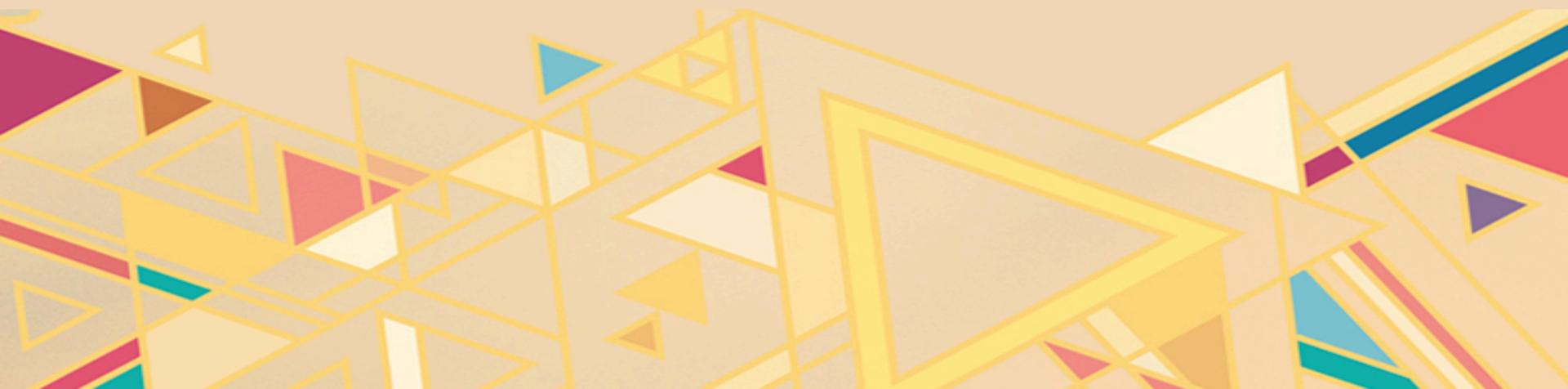
SOFTWARE DEMO

MISTAKES AND
PROBLEMS

PROGRESS 2 PLAN



Introduction





Introduction

D.I.Y.
Do It
Yourself





Limits

OPERATES ON



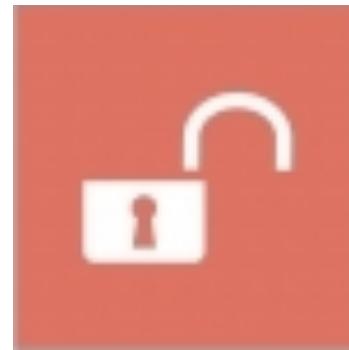
ANDROID OS

REQUIRES



INTERNET
CONNECTION

NO SECURITY



INAPPROPRIATE
INFORMATION



Users



VISITOR



BLOGGER

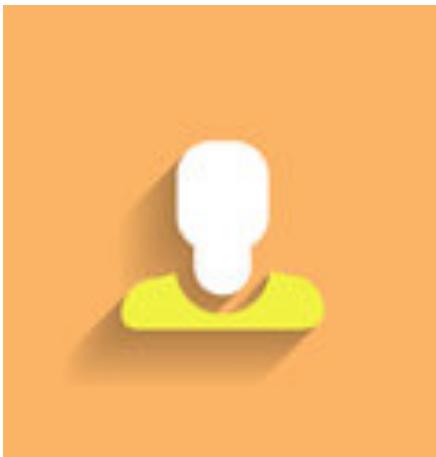


SHOPKEEPER

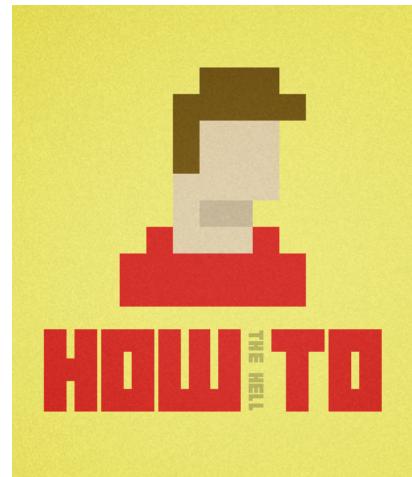


Features

AUTHORIZATION



TUTORIAL



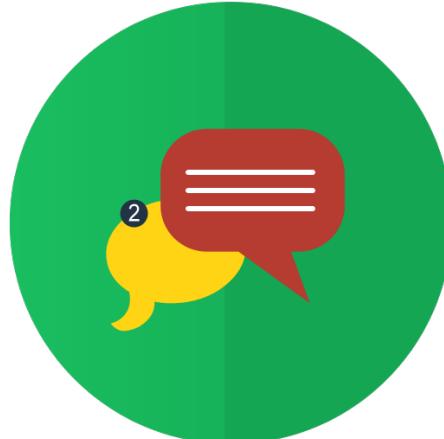
SHOP



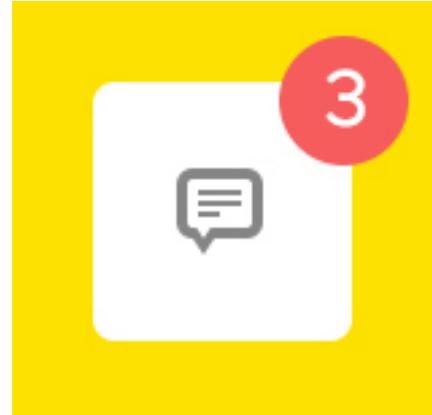
MAP

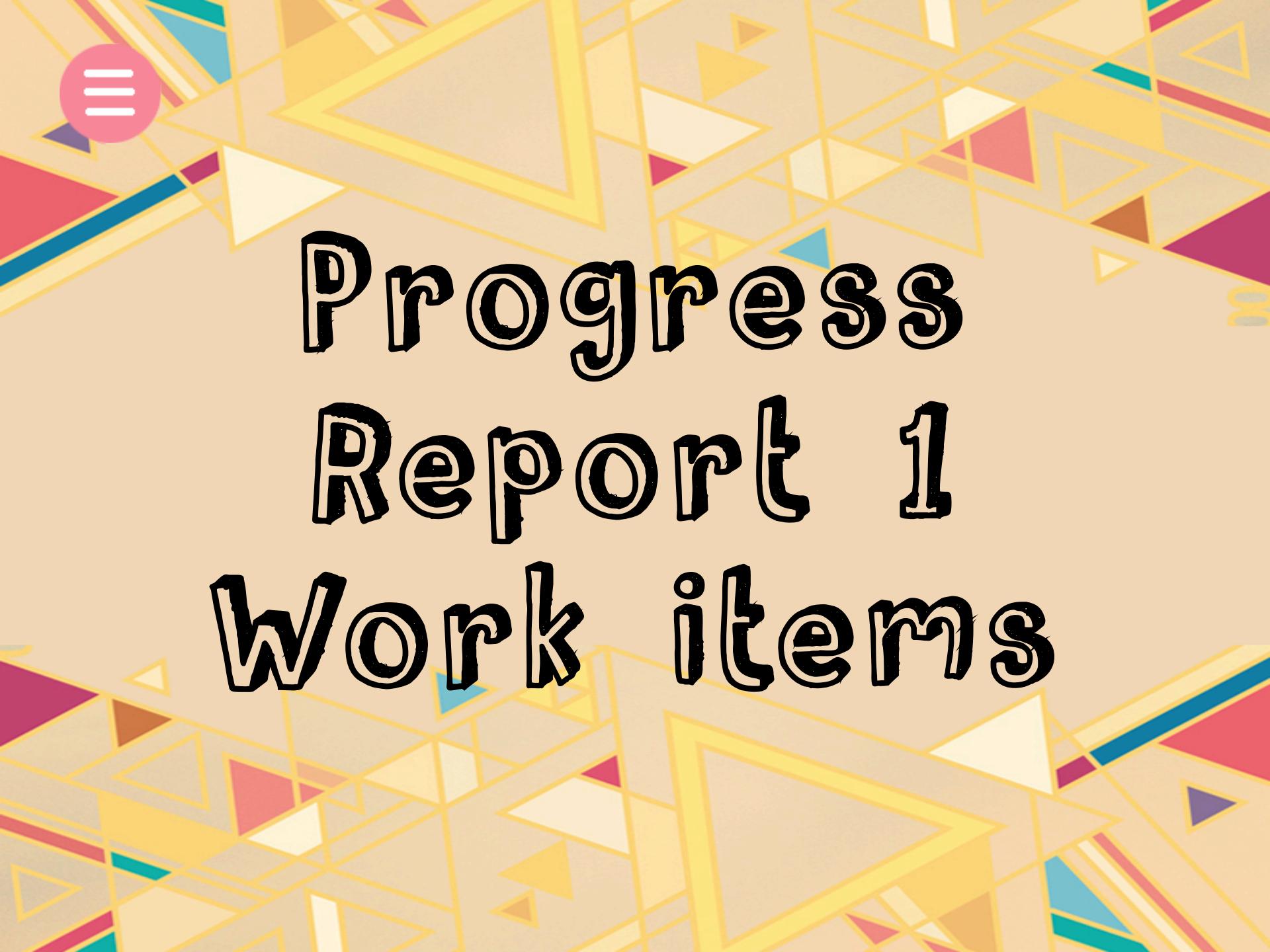


COMMUNICATION



NOTIFICATION





Progress Report 1 Work items



Work items

**PROJECT
PLAN**

SDD
software design
document

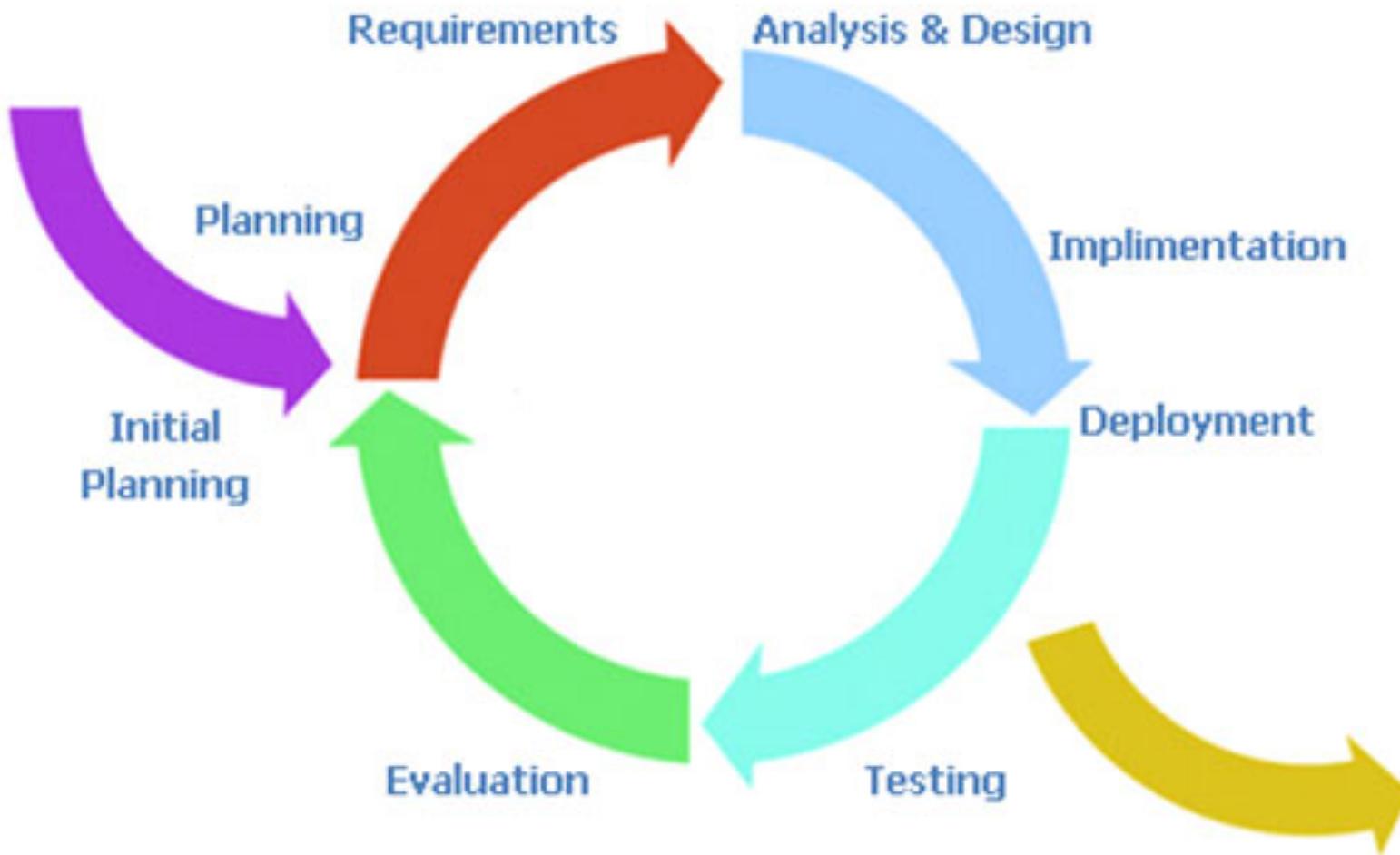
TEST RECORD

SRS
software requirement
specification

TEST PLAN

**TRACEABILITY
RECORD**

Project Plan





Project Plan

PROJECT
7
PLAN

SRS
7
software requirement
specification

SDD
15
software design
document

IMPLEMENTATION
40

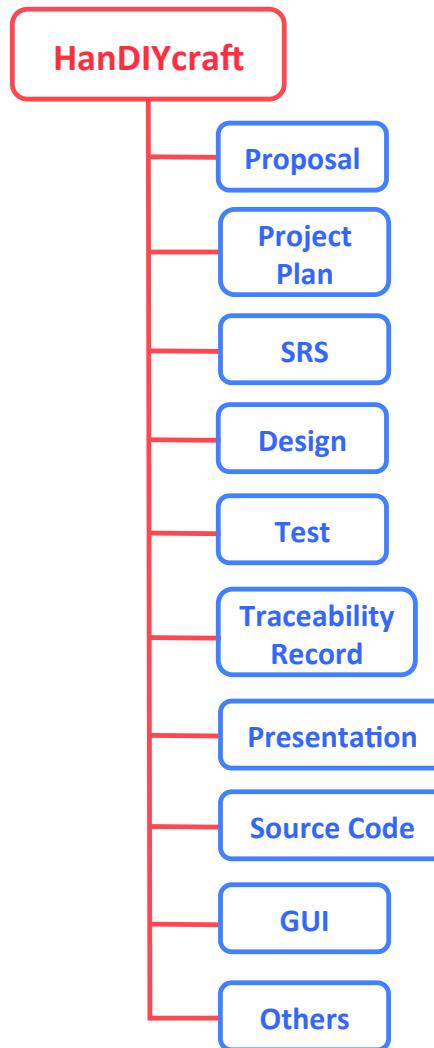
TEST PLAN
10
TEST RECORD

TRACEABILITY
5
RECORD



Repository

GitHub





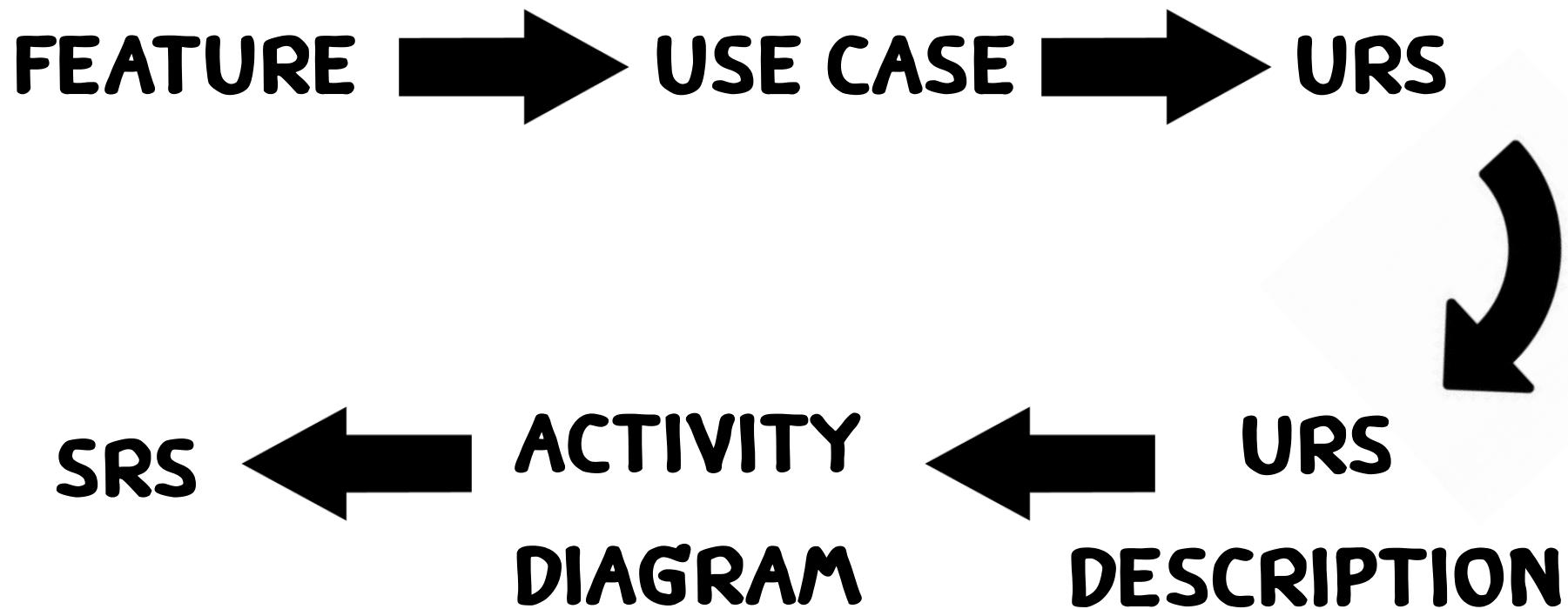
SRS Document

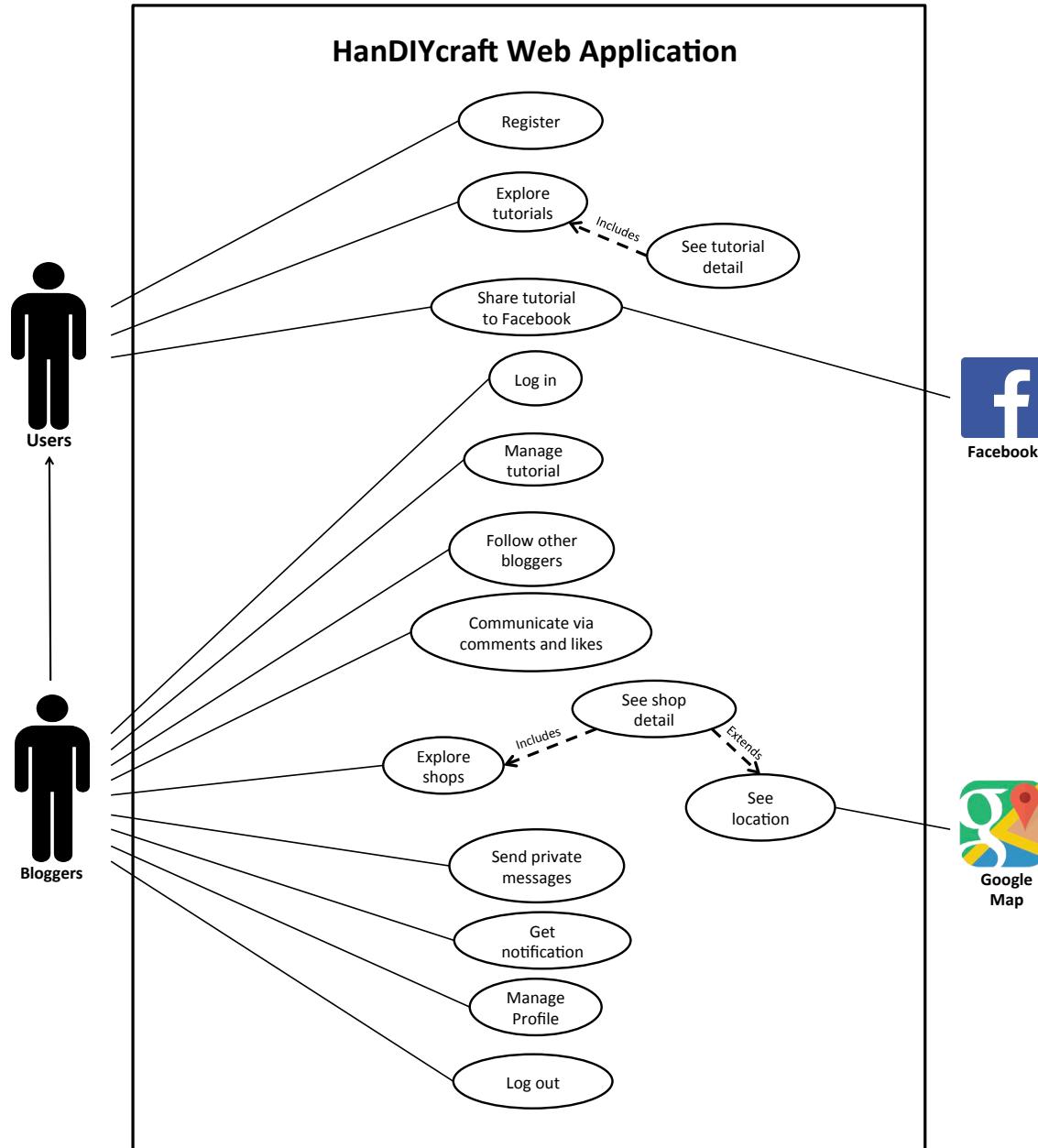
- Use Case
- User Requirement Specification (URS) and Description
- Activity Diagram
- System Requirement Specification (SRS)





Requirement Analysis





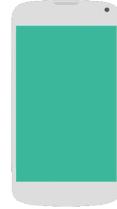
USE CASE



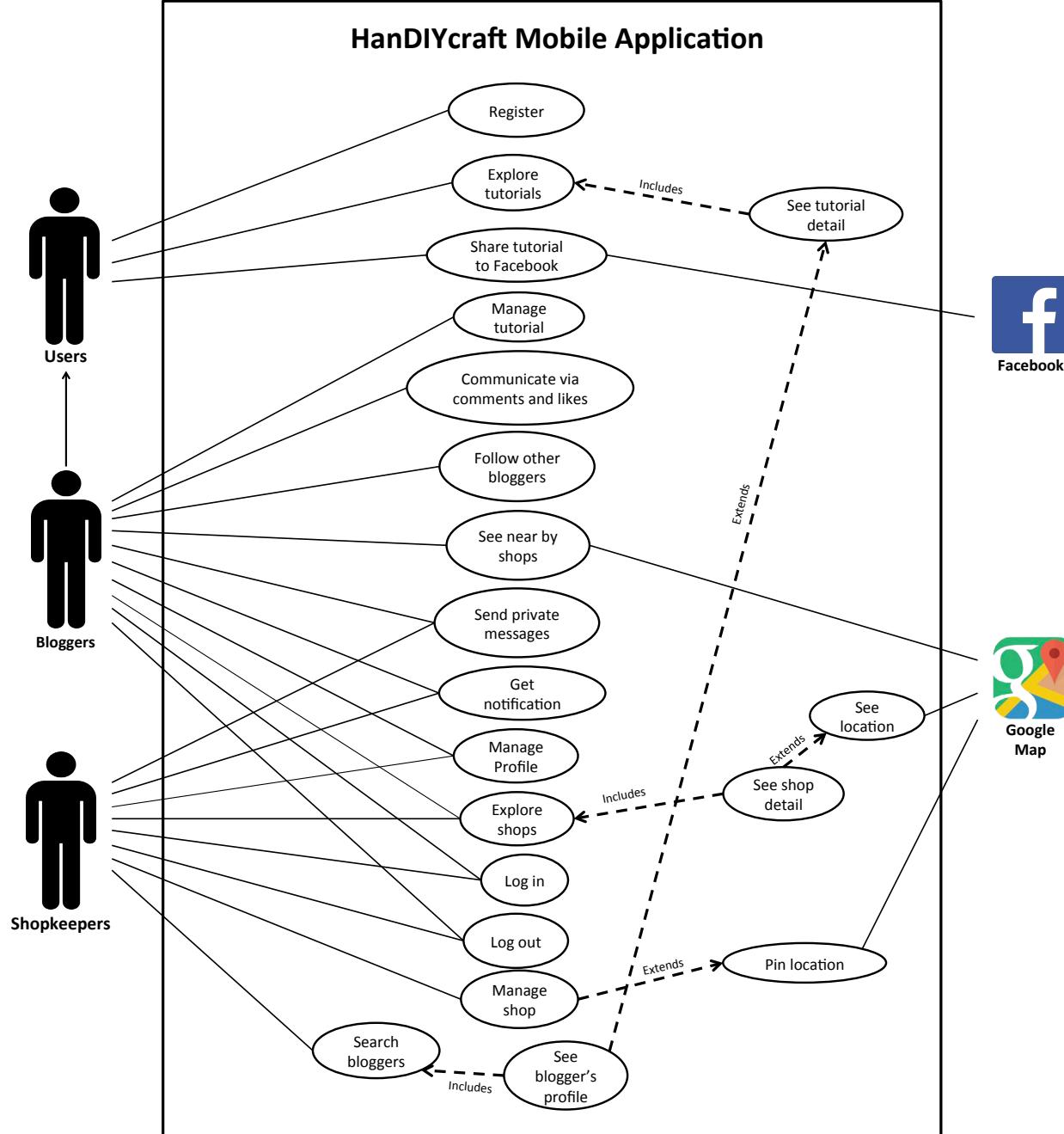
Facebook



Google
Map



USE CASE





URS & URS DESCRIPTION

W-URS-01: The user registers as a blogger.

Input and Output

No	Input Name	Description	Example	Remarks	Output
1	Username	The length of Username must be between 1-20 characters	“hideandseek05”	The word should not contain any symbol.	The system shows “HideandSeek05” on the screen
2	Password	The length of Password must be between 1-20 characters	“12345”	The word should not contain any symbol.	The system shows “•••••” on the screen
3	Re-Password	Re-password must match with the password.	“12345”	The word should not contain any symbol.	The system shows “•••••” on the screen
4	Email	Email must be the one that the user is currently using.	“hello@gmail.com”	The word should be in Email format	The system shows “hello@gmail.com” on the screen

DESCRIPTION



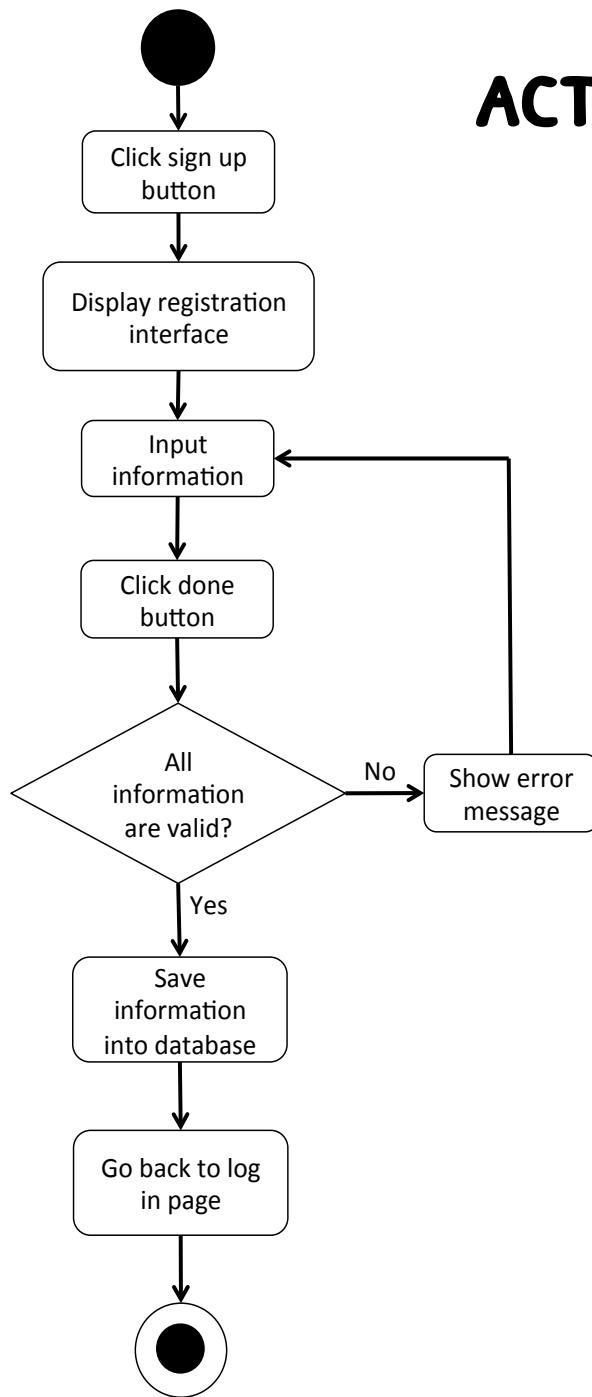
Description

URS ID	W-URS-01
URS Name	The user registers as a blogger.
Actor	Visitor
Description	This function allows user who does not have his/her own account to register in order to use more functions of the application.
Trigger	The user selects “Sign Up” to register to be a member of the system.
Pre-condition	- Open the application
Post-condition	- The system saves user's information into database.
Normal flow	<p>1) System provides registration interface for user to fill information, which are username, password, re-password, and e-mail.</p> <p>3) User input his/her information.</p> <p>4) User clicks done to finish the registration.</p> <p>5) System validates username, password, re-password, and email format.</p> <p>6) System saves the user's information into the database.</p> <p>7) System goes back to log in page.</p>
Alternative flow	<p>- In step 1-4, the user clicks back button to go to the previous page in case he/she wants to cancel the registration.</p>
Exception	<p>- In step 5, system displays error message in case the format is wrong.</p> <p>- In all steps of normal flow, in case there is no internet connection.</p>
Include	-



ACTIVITY DIAGRAM

W-AD-01





W-URS-01: The user registers as a blogger.

SRS

SRS No.	SRS Name
W-SRS-01	The system provides graphic user interface, which receive username, password, re-password, and e-mail.
W-SRS-02	The system can check the username format. The username must be 1-20 characters and must not contain any symbol.
W-SRS-03	The system can check the password format. The password must be 1-20 characters and must not contain any symbol.
W-SRS-04	The system can check whether the re-password is match to the password or not.
W-SRS-05	The system can check email format. The email must be in email format.
W-SRS-06	The system can check in database whether the username is already in use or not.
W-SRS-07	The system shall show successful message "You are now a blogger, please log in."
W-SRS-08	The system shall show error message "The username should be between 1-20 characters."
W-SRS-09	The system shall show error message "The username should not contain any symbols"
W-SRS-10	The system shall show error message "This username is already in use."
W-SRS-11	The system shall show error message "The password should be between 1-20 characters."
W-SRS-12	The system shall show error message "The password should not contain any symbols."
W-SRS-13	The system shall show error message "Re-password is not matching with your password."
W-SRS-14	The system shall show error message "The email should be in email format."
W-SRS-15	The system shall show error message "Sorry, you are not connected to the internet"
W-SRS-16	The system saves information into database.
W-SRS-22	The system shall show error message "Please fill all information, don't leave blank."

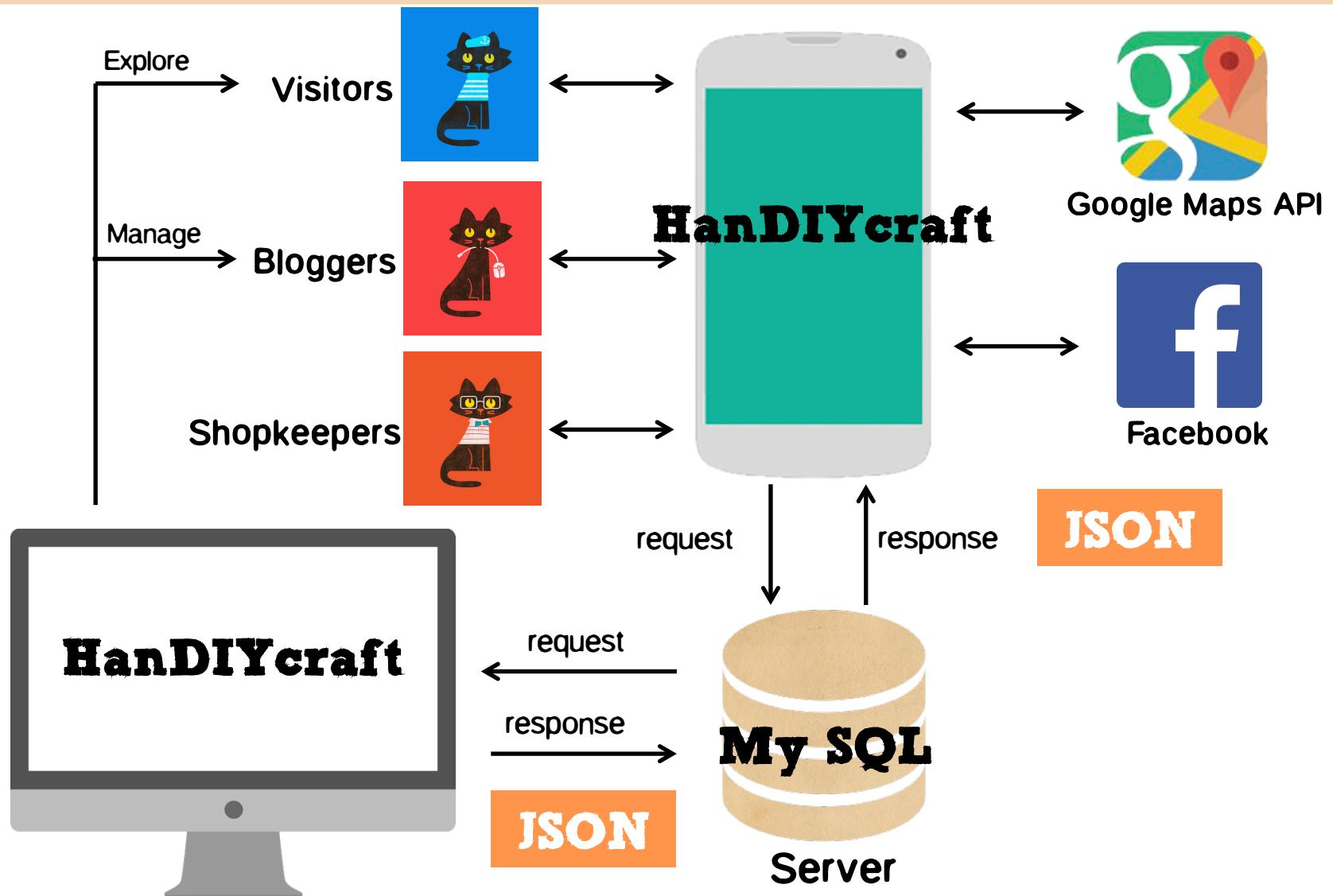


Software Design

- System Architecture
- Class Diagram and Description
- Sequence Diagram
- Database Design
- User Interface Design
- Traceability Record

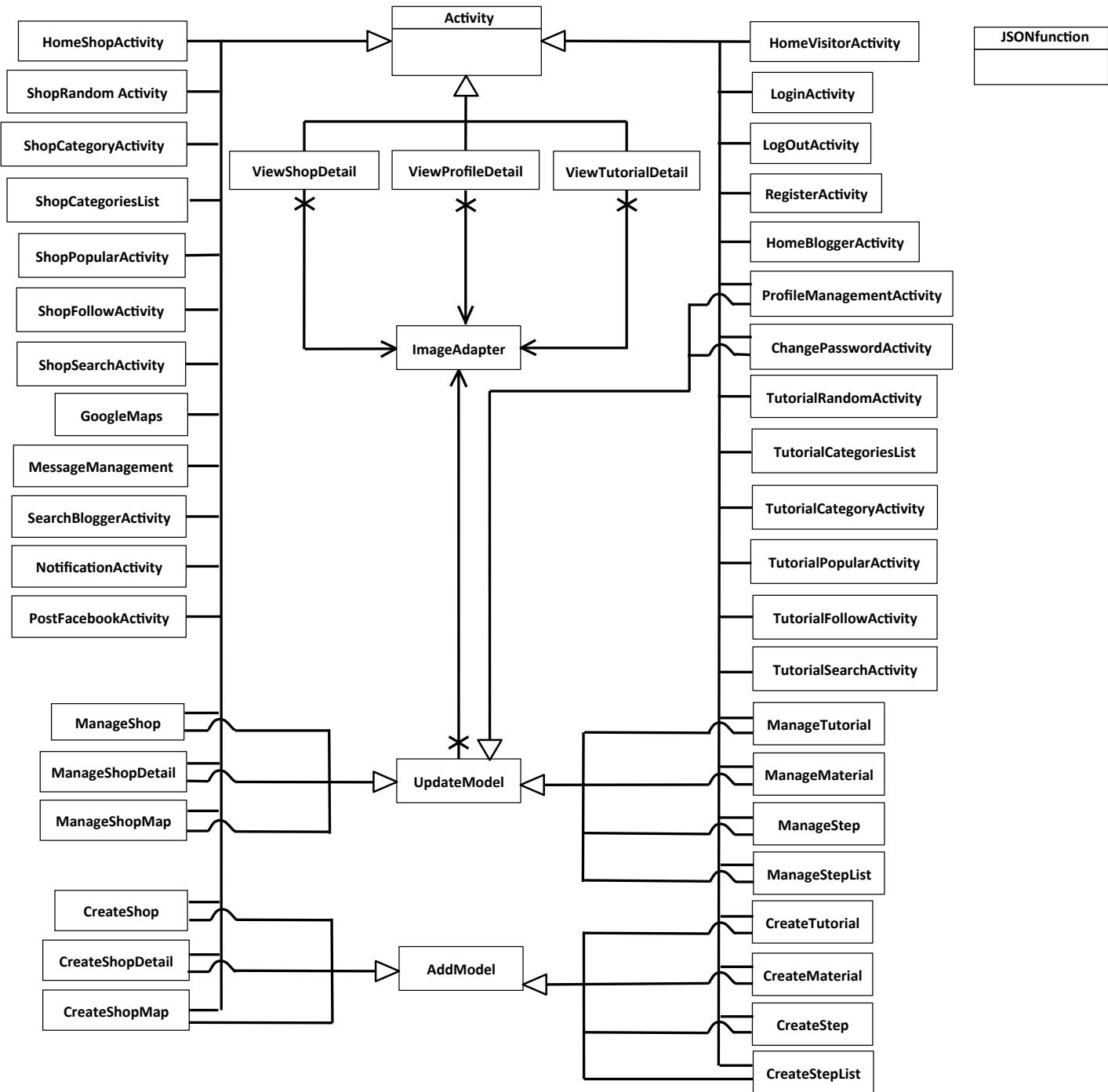


ARCHITECTURE





CLASS DIAGRAM





CLASS DIAGRAM DESCRIPTION

RegisterActivity

-edittext_username : EditText
-edittext_password : EditText
-edittext_rePassword : EditText
-edittext_email : EditText
- img_profile : String
+result : String

#OnCreate(savedInstanceState : Bundle) : void
+addData() : String
+getHttpPost() : String
-checkValidation() : boolean
-uploadFile() : String



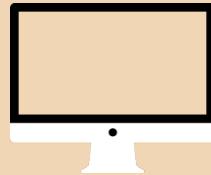
CLASS DIAGRAM DESCRIPTION

Property

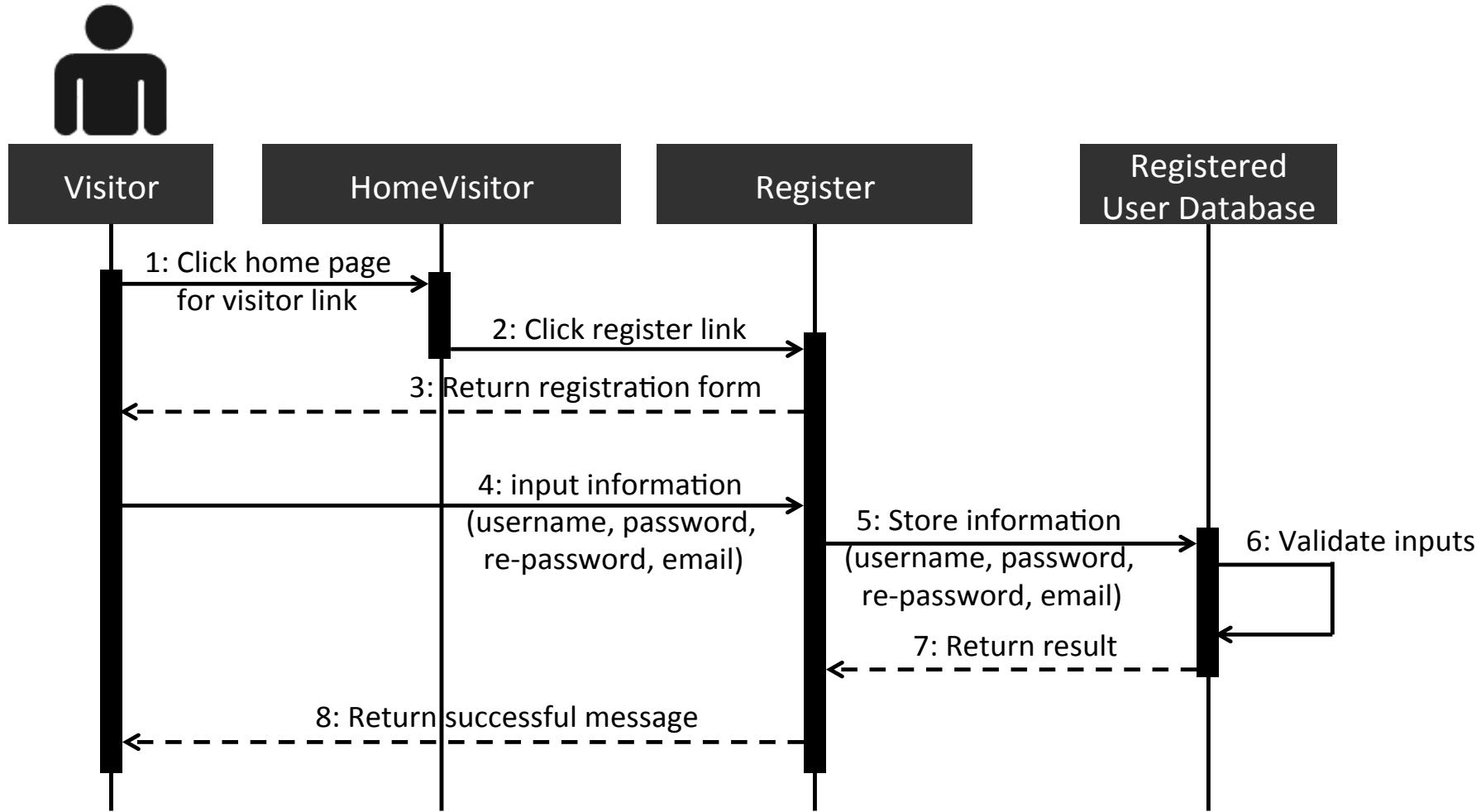
ID	Name	Description	Remark
1	editext_username	Inputting text for username.	Type: EditText
2	editext_password	Inputting text for password.	Type: EditText
3	editext_rePassword	Inputting text for re-password.	Type: EditText
4	editext_email	Inputting text for email.	Type: EditText
5	img_profile : String	Inputting picture for profile picture.	Type: String
6	result	Using in WebPageTask() class	Type: String

Method

ID	Name	Description	Remark
1	OnCreate(savedInstanceState : Bundle) : void	It will be called when there is an activity creating.	Return Type: void Parameter: savedInstanceState
2	addData() : String	Adding data to database.	Return Type: String
3	getHttpPost() : String	Send data to the server by following URL.	Return Type: String
4	checkValidation() : boolean	Validation checking of input information.	Return Type: void
5	uploadFile() : String	Pictures uploading.	Return Type: String

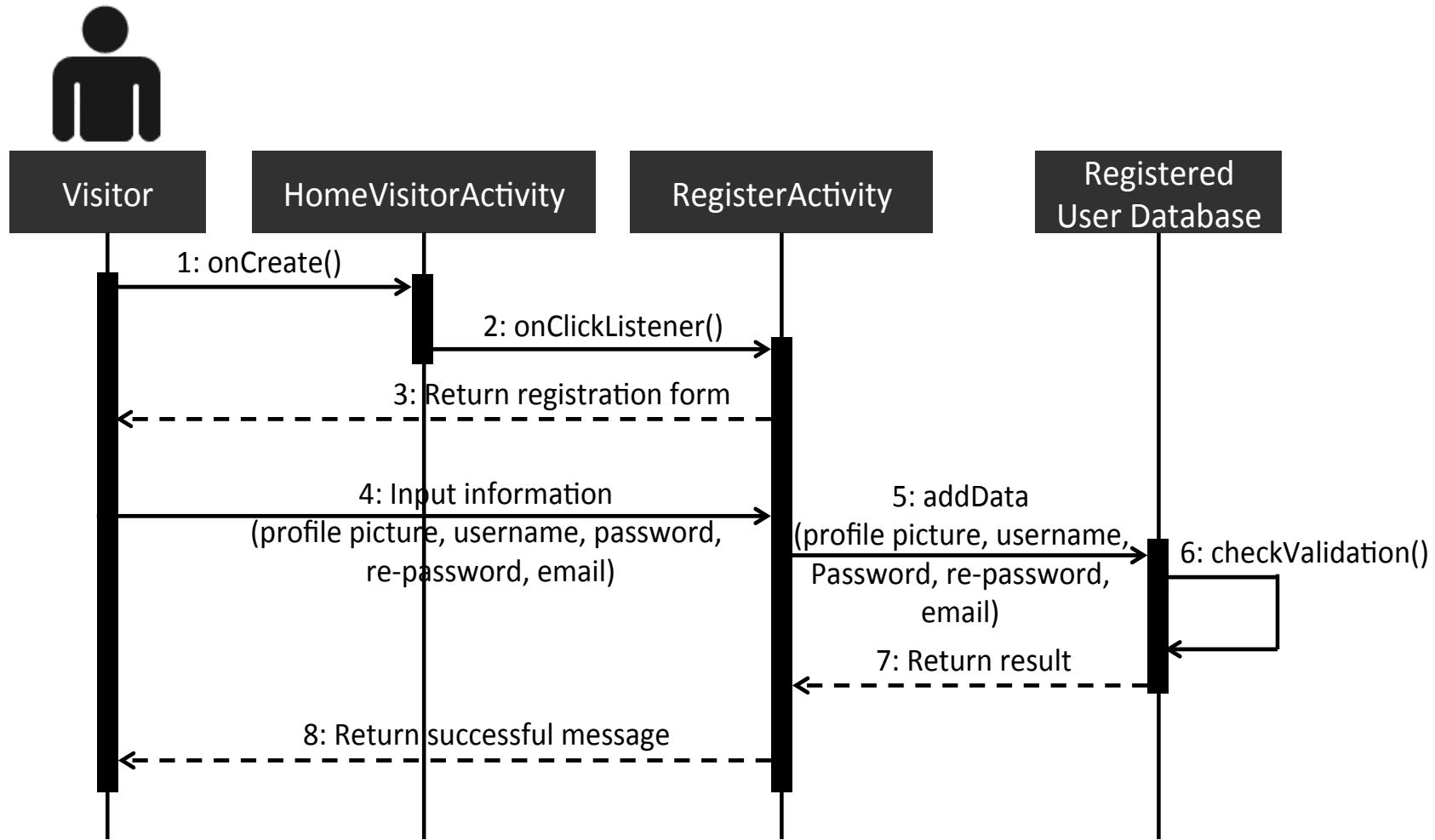


SEQUENCE DIAGRAM



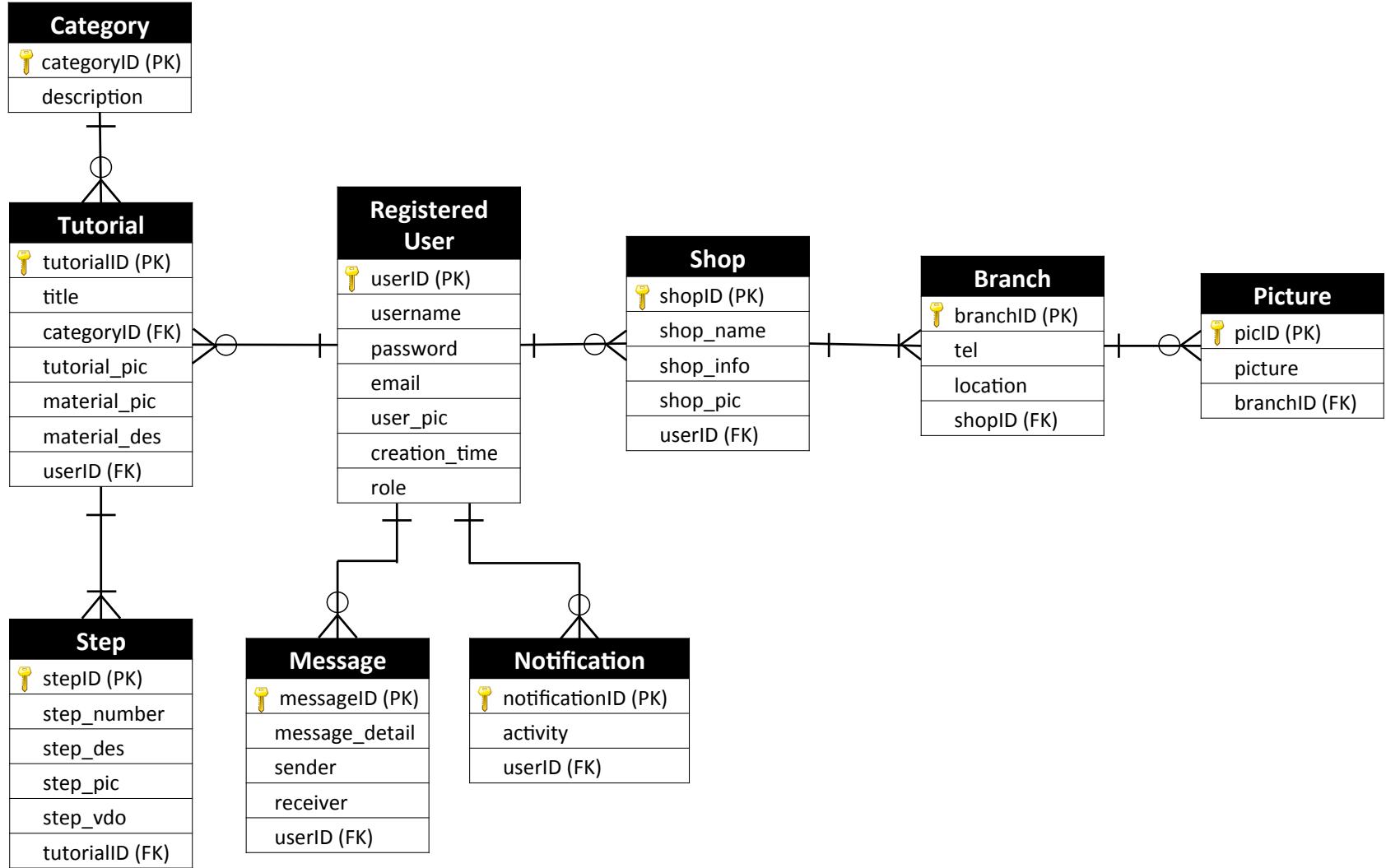


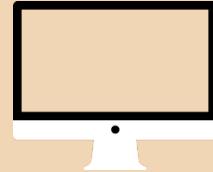
SEQUENCE DIAGRAM





DATABASE DESIGN





USER INTERFACE DESIGN



HandIYcraft | Register

Username

Password

Re-Password

E-mail

Done



USER INTERFACE DESIGN

< Sign Up



Username

Password

Re-Password

Email

I am Blogger Shopkeeper





Software Construction

SRS

software requirement
specification



SDD

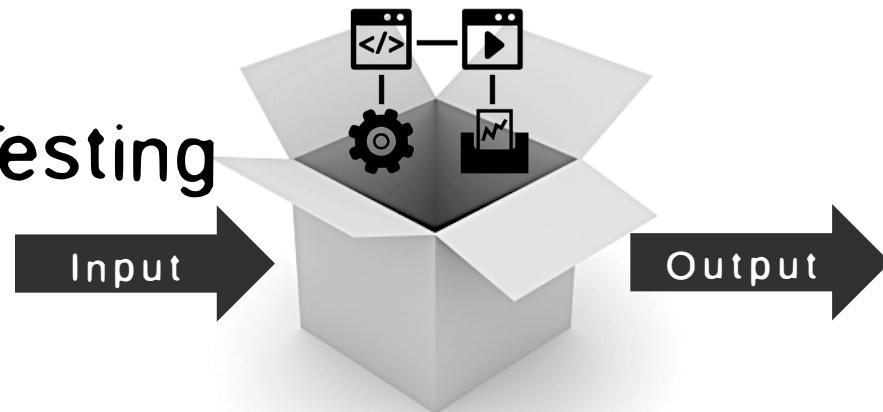
software design
document



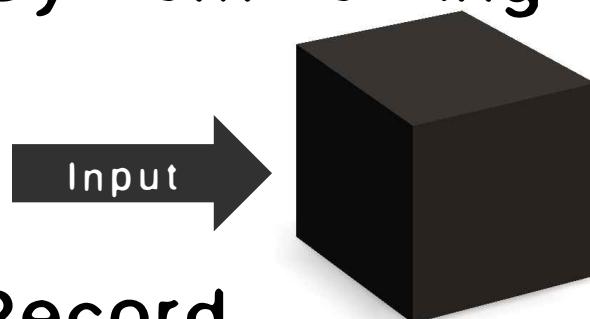


Software Testing

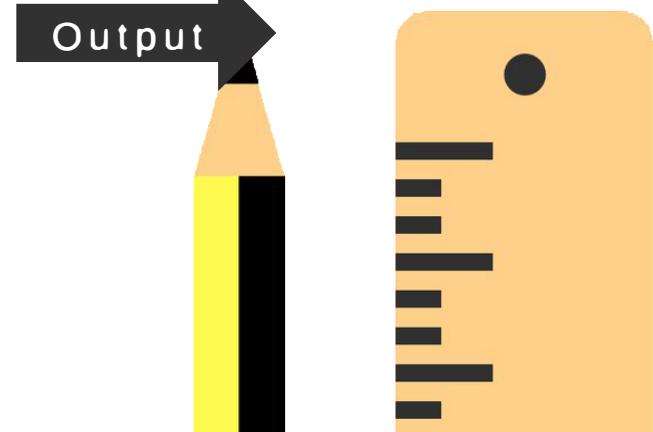
- Test Plan
 - Unit Testing



- System Testing



- Test Record





UNIT TEST CASE

Web Unit Test Case 02 (W-UTC-02)

Class Name: Register

Test Data:

Username	Password	Re-Password	Email
Hideandseek05	12345	12345	hello@gmail.com

**Test Case:**

ID	Description	Input	Expected Result
1	Input correct format information.	Username: Hideandseek05 Password: 12345 Re-Password: 12345 Email: hello@gmail.com	True
2	Input username more than 20 characters.	Username: aaaaaaaaaaaaaaaaaaaa Password: 12345 Re-Password: 12345 Email: hello@gmail.com	False
3	Input username with symbols.	Username: Hello!@#\$% Password: 12345 Re-Password: 12345 Email: hello@gmail.com	False
4	Input the username that already exist in database.	Username: aaa Password: 12345 Re-Password: 12345 Email: hello@gmail.com	False
5	Input password more than 20 characters information.	Username: Hideandseek05 Password: aaaaaaaaaaaaaaaaaaaa Re-Password: aaaaaaaaaaaaaaaaaaaa Email: hello@gmail.com	False
6	Input password with symbols.	Username: Hideandseek05 Password: 12345!@#\$% Re-Password: 12345!@#\$% Email: hello@gmail.com	False
7	Input Re-Password that does not match with the password.	Username: Hideandseek05 Password: 12345 Re-Password: aaaaa Email: hello@gmail.com	False
8	Input wrong format of Email.	Username: Hideandseek05 Password: 12345 Re-Password: 12345 Email: aaaaa	False
9	Leave some fields blank	Username: Hideandseek05 Password: 12345 Re-Password: - Email: -	False

UNIT TEST CASE



SYSTEM TEST CASE

Web System Test Case 01 (W-STC-01): User can register to the system as a blogger.

Description

System testing for W-URS-01: The user registers as a blogger.

Prerequisite

- Username must be between 1-20 characters.
- Password must be between 1-20 characters.
- Re-Password must match with the password.
- Email must be in email format.

Test Script

1. Blogger clicks sign up link.
2. System provides registration user interface.
3. Blogger inputs information.
4. System validates the information.
5. Blogger clicks done.
6. System saves information into database.



Test Cases

ID	Description	Input	Expected Result
1	Input correct format information.	Username: Hideandseek05 Password: 12345 Re-Password: 12345 Email: hello@gmail.com	System saves information into Registered User table.
2	Input username more than 20 characters.	Username: aaaaaaaaaaaaaaaaaaaaaa Password: 12345 Re-Password: 12345 Email: hello@gmail.com	Error message, "The username should be between 1-20 characters."
3	Input username with symbols.	Username: Hello!@#\$% Password: 12345 Re-Password: 12345 Email: hello@gmail.com	Error message, "The username should not contain any symbols."
4	Input the username that already exist in database.	Username: aaa Password: 12345 Re-Password: 12345 Email: hello@gmail.com	Error message, "This username is already in use."
5	Input password more than 20 characters information.	Username: Hideandseek05 Password: aaaaaaaaaaaaaaaaaaaaaa Re-Password: aaaaaaaaaaaaaaaaaaaa Email: hello@gmail.com	Error message, "The password should be between 1-20 characters."
6	Input password with symbols.	Username: Hideandseek05 Password: 12345!@#\$% Re-Password: 12345!@#\$% Email: hello@gmail.com	Error message, "The password should not contain any symbols."
7	Input Re-Password that does not match with the password.	Username: Hideandseek05 Password: 12345 Re-Password: aaaaa Email: hello@gmail.com	Error message, "Re-password is not matching with your password."
8	Input wrong format of Email.	Username: Hideandseek05 Password: 12345 Re-Password: 12345 Email: aaaaa	Error message, "The email should be in email format."
9	Leave some fields blank	Username: Hideandseek05 Password: 12345 Re-Password: - Email: -	Error message, "Please fill all information, don't leave blank."

SYSTEM TEST CASE



UNIT TEST RECORD

Web Unit Test Case 02 (W-UTC-02)

Class Name: Register

Test Date: 6/7/2014

Test by: NK

ID	Expected Result	Actual Result	Pass/Fail
1	True	True	Pass
2	False	False	Pass
3	False	False	Pass
4	False	False	Pass
5	False	False	Pass
6	False	False	Pass
7	False	False	Pass
8	False	False	Pass
9	False	False	Pass



Web System Test Case 01 (W-STC-01): User can register to the system as a blogger.

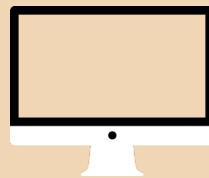
SYSTEM TEST RECORD

Test Date: 6/7/2014

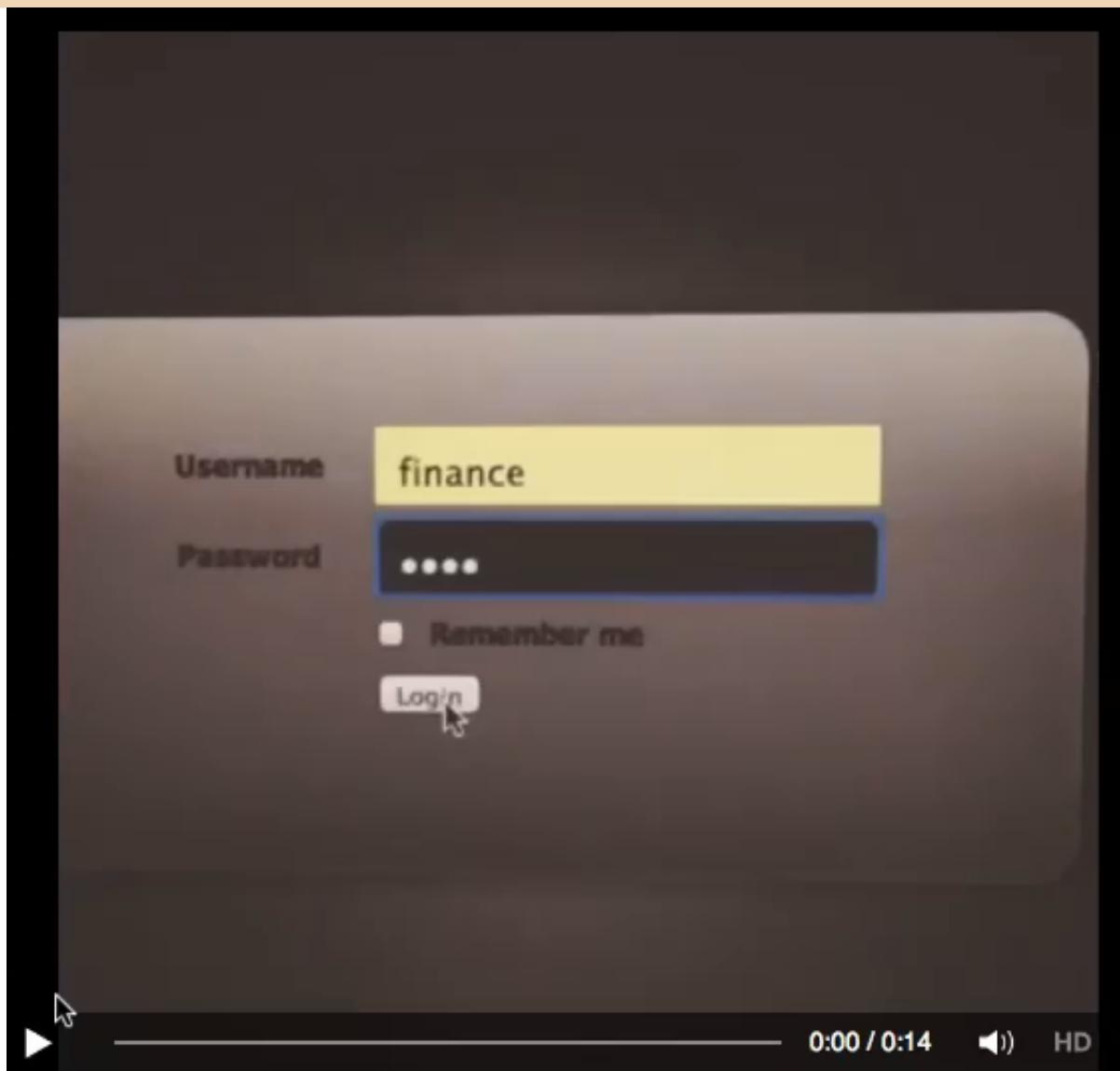
Test by: NK

ID	Expected Result	Actual Result	Pass/Fail
1	System saves information into Registered User table.	System saves information into Registered User table	Pass
2	Error message, "The username should be between 1-20 characters."	Error message, "The username should be between 1-20 characters."	Pass
3	Error message, "The username should not contain any symbols."	Error message, "The username should not contain any symbols."	Pass
4	Error message, "This username is already in use."	Error message, "This username is already in use."	Pass
5	Error message, "The password should be between 1-20 characters."	Error message, "The password should be between 1-20 characters."	Pass
6	Error message, "The password should not contain any symbols."	Error message, "The password should not contain any symbols."	Pass
7	Error message, "Re-password is not matching with your password."	Error message, "Re-password is not matching with your password."	Pass
8	Error message, "The email should be in email format."	Error message, "The email should be in email format"	Pass
9	Error message, "Please fill all information, don't leave blank."	Error message, "Please fill all information, don't leave blank."	Pass

Software Demo

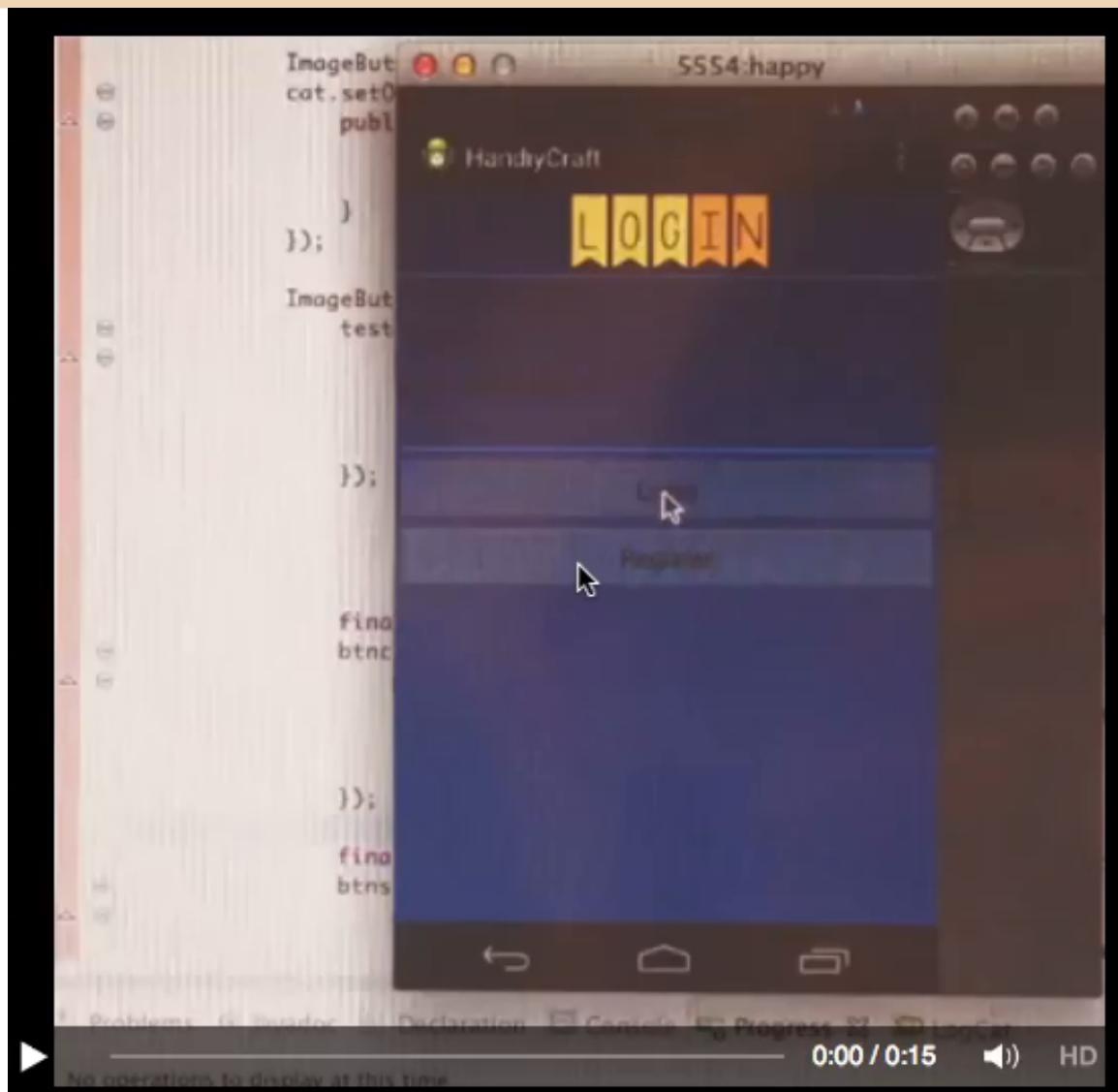


Software Demo





Software Demo





Mistakes and Problems



Mistakes



VERSION CONTROL





Mistakes



**VIDEO STILL CAN'T
BE SHOWN**





Mistakes

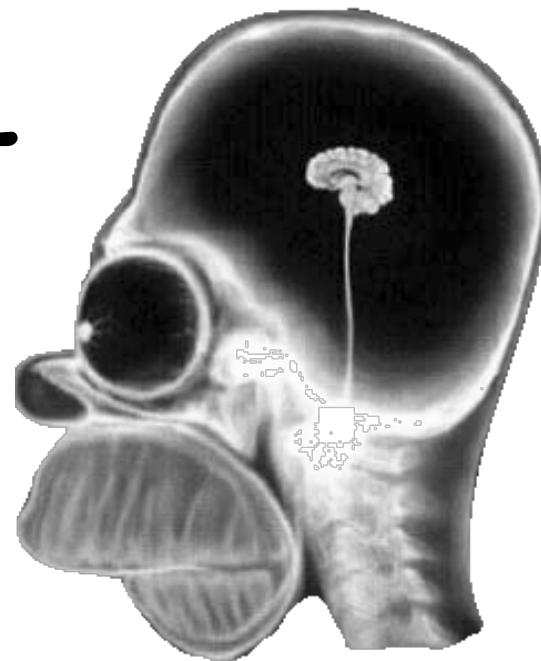
LESS
TALKING → MORE
FIXING





Problems

**LESS TECHNICAL
KNOWLEDGE**





Problems

COMPUTER CRASH





Progress 2 Plan



Software

VERSION 0.2



FEATURE 3
Shop
management
(Mobile)



FEATURE 5
Communication
management
(Mobile, Web)



FEATURE 4
Map management
(Mobile)



Document

VERSION 2.0

- Project Plan document
- SRS document
- SDD document
- Test Plan document
- Test Record document
- Traceability Record document





Q & A