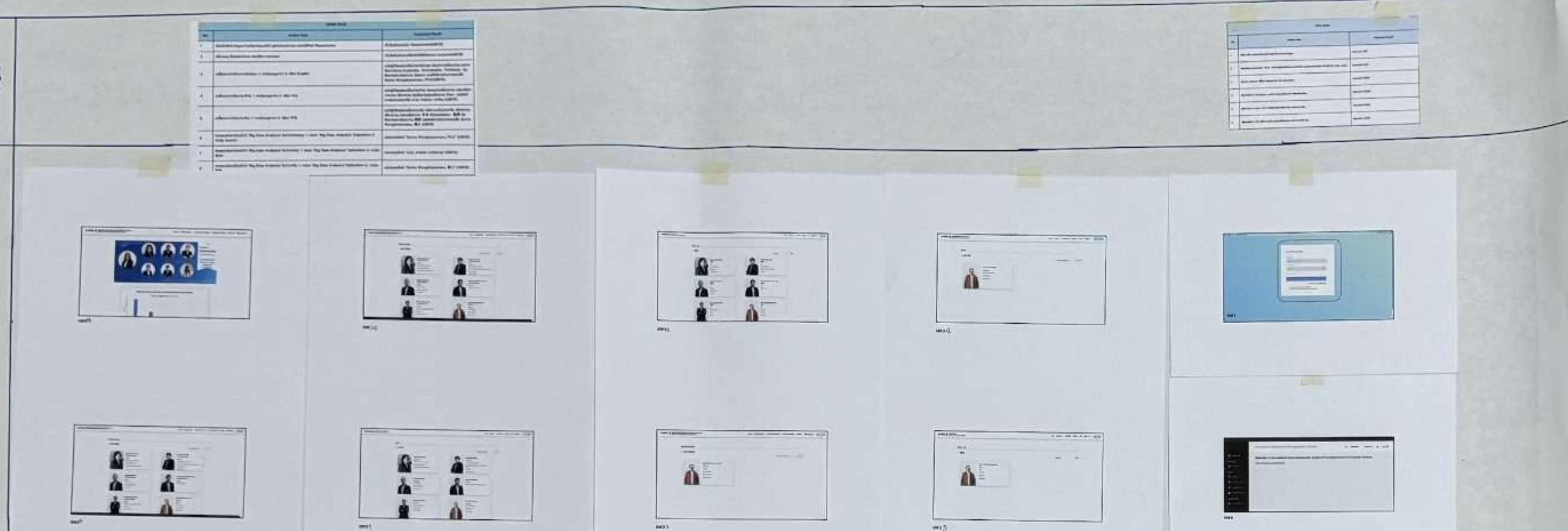


Customer Visible

User Interface (UI)



Customer Invisible

Business Logic

Guest Role

RESEARCHERS PAGE	RESEARCHGROUP PAGE	RESEARCH.DETAIL PAGE	หน้าเว็บไซต์ระบบงาน	PROFILE PAGE	MANAGE EXPERTISE PAGE - UPDATE PAGE	MANAGE FUND - UPDATE PAGE	MANAGE RESEARCH PROJECT - UPDATE PAGE	MANAGE RESEARCH GROUP - UPDATE PAGE			
1	Mw	1	1	TT	1	TT	1	TT	1	TT	1

HOME PAGE	RESEARCH PROJECT PAGE	RESEARCHGROUP DETAIL PAGE	REPORT PAGE FRONT	DASHBOARD PAGE	LOGIN PAGE	MANAGE PAPER(PUBLISHED RESEARCH) - UPDATE PAGE	USER PAGE - UPDATE PAGE	DEPARTMENT PAGE - UPDATE PAGE			
1	Fr	1	1	B	1	1	0000	1	1	TT	1

Role Admin Role Student Role Teacher

ROLE ADMIN : API STATUS PAGE	TEST API STATUS PAGE	ROLE STUDENT : NAVBAR MENU THIS IS STUDENT	ST NAVBAR MENU THIS IS STUDENT	ROLE TEACHER : NAVBAR MENU MANAGE PUBLICATIONS	ST NAVBAR MENU MANAGE PUBLICATIONS
1	B	1	1	0000	1

Role Headproject Role Staff >> Administration

ROLE HEADPROJECT : NAVBAR MENU MANAGE APPLY RESEARCH ASSISTANT	TEST NAVBAR MENU MANAGE APPLY RESEARCH ASSISTANT	ROLE STAFF : ADMINISTRATION : NAVBAR MENU MANAGE HIGHLIGHT	TEST NAVBAR MENU MANAGE HIGHLIGHT	TEST SHOW USER PROFILE -> ACCOUNT				
1	B	1	1	Fr	1	1	Mz	1

Support

API Status Table					Permission Table		
id	api_name	status	last_checked	message	id	name	guard_name
1	Scopus API	active	2025-03-12 05:39:55	NULL	52	apostrophe-list	web
2	Google Scholar API	inactive	2025-03-12 05:37:27	The Google Scholar profile information is incomplete or unavailable.	53	certificate-form	web
					54	highlight	web
					55	assistant-researcher	web

MANAGE PAPER(PUBLISHED RESEARCH) - CREATE PAGE	MANAGE FUND - CREATE PAGE	USER PAGE - CREATE PAGE	MANAGE RESEARCH PROJECT - CREATE PAGE	DEPARTMENT PAGE	MANAGE EXPERTISE PAGE	MANAGE PROGRAM PAGE	MANAGE USER PAGE	MANAGE BOOK PAGE - UPDATE PAGE	MANAGE PATENT - UPDATE PAGE	PERMISSION PAGE - UPDATE PAGE	
1	Mz	1	1	Ms	1	1	Mw	1	1	Mw	1

PERMISSION PAGE - CREATE PAGE	MANAGE PATENT - CREATE PAGE	USER PAGE - IMPORT PAGE	ROLES PAGE - CREATE PAGE	PERMISSION PAGE	USER PAGE	MANAGE BOOK PAGE	MANAGE PATENT PAGE	ROLES PAGE - UPDATE PAGE	USER PAGE - DELETE PAGE	DEPARTMENT PAGE - DELETE PAGE	
1	Ms	1	1	Ms	1	1	Mw	1	1	Mz	1

MANAGE RESEARCH GROUP - CREATE PAGE	MANAGE PROGRAM PAGE - CREATE PAGE	USER PAGE - CREATE - IMPORT PAGE	MANAGE PROGRAM PAGE - UPDATE PAGE	MANAGE PAPER PAGE (PUBLISHED RESEARCH)	MANAGE RESEARCH GROUP PAGE	ROLES PAGE	MANAGE FUND PAGE	MANAGE EXPERTISE PAGE - DELETE PAGE	MANAGE RESEARCH GROUP - DELETE PAGE	MANAGE BOOK PAGE - DELETE PAGE	
1	Mean	1	1	Mean	1	1	Mw	1	1	Mz	1

MANAGE BOOK PAGE - CREATE PAGE	MANAGE EXPERTISE PAGE - CREATE PAGE	DEPARTMENT PAGE - CREATE PAGE	MANAGE RESEARCH PROJECT PAGE	MANAGE FUND - VIEW PAGE	MANAGE BOOK PAGE - VIEW PAGE	PERMISSION PAGE - VIEW PAGE	ROLES PAGE - VIEW PAGE	MANAGE FUND - DELETE PAGE	ROLES PAGE - DELETE PAGE	MANAGE PATENT - DELETE PAGE	
1	Mean	1	1	Mean	1	1	0000	1	1	0000	1

MANAGE RESEARCH PROJECT - VIEW PAGE	MANAGE PROGRAM PAGE - VIEW PAGE	MANAGE USER PAGE - VIEW PAGE	DEPARTMENT PAGE - VIEW PAGE	MANAGE EXPERTISE PAGE - VIEW PAGE	MANAGE PATENT - VIEW PAGE	MANAGE RESEARCH GROUP - VIEW PAGE	USER PAGE - VIEW PAGE	MANAGE RESEARCH PROJECT - DELETE PAGE	PERMISSION PAGE - DELETE PAGE	MANAGE PROGRAM PAGE - DELETE PAGE	
1	0000	1	1	0000	1	1	0000	1	1	Mz	1

MANAGE PAPER (PUBLISHED RESEARCH) - VIEW PAGE	MANAGE RESEARCH (PUBLISHED RESEARCH) - DELETE PAGE				
1	0000	1	1	Mz	1