

ENSE 470 - Milestone 4

Group Name: GLHF

Group Members:

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March 1, 2018

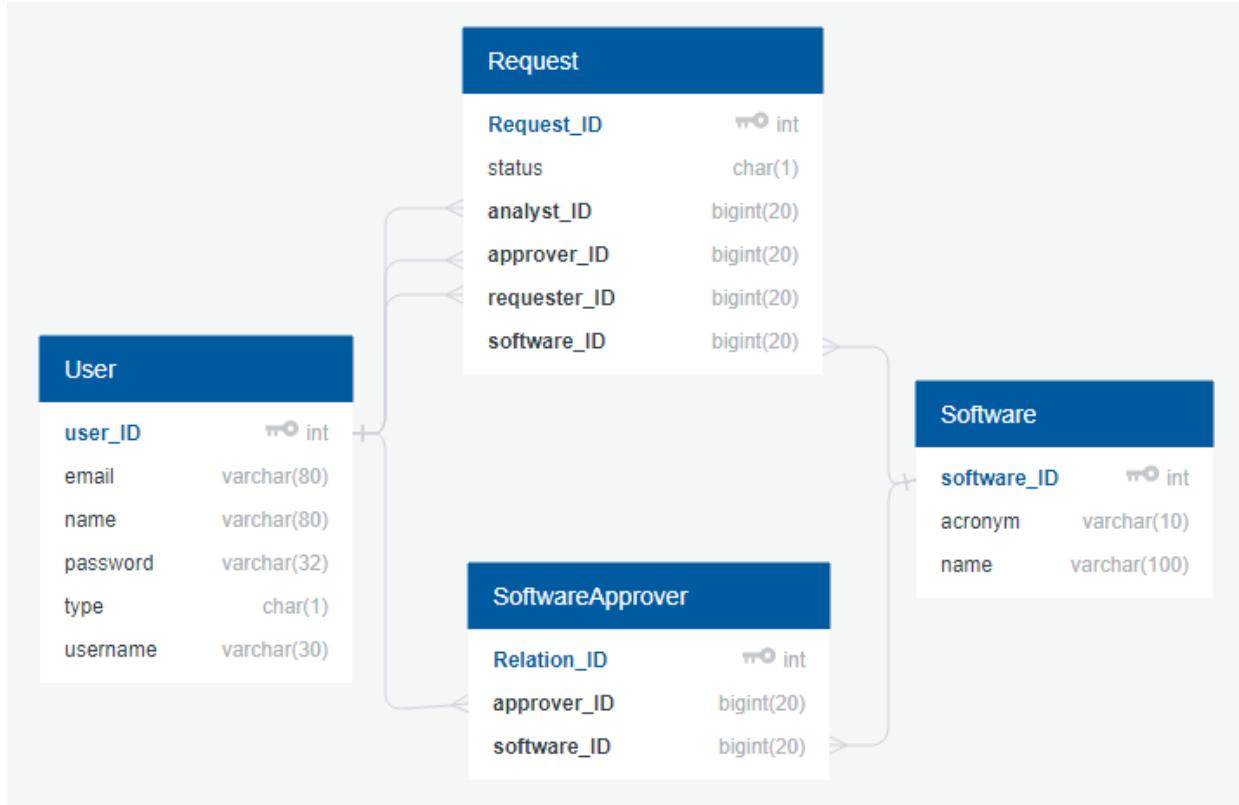
The Database

- MySQL
- Workbench
- Hibernate

The screenshot shows the MySQL Workbench interface. The left sidebar displays the database schema for the 'ense470' database, including tables like 'request', 'software', 'softwareapprover', and 'user'. The main area shows the 'request' table structure with columns: ID, status, analyst_ID, approver_ID, requester_ID, and software_ID. The bottom right pane shows the 'Action Output' log with various SQL queries and their execution details.

#	Time	Action	Message	Duration / Fetch
225	19:40:53	INSERT INTO 'ense470'.`softwareapprover` ('approver_ID', 'software_ID') VALUE...	1 row(s) affected	0.015 sec
226	19:40:53	INSERT INTO 'ense470'.`softwareapprover` ('approver_ID', 'software_ID') VALUE...	1 row(s) affected	0.031 sec
227	19:40:53	INSERT INTO 'ense470'.`softwareapprover` ('approver_ID', 'software_ID') VALUE...	1 row(s) affected	0.047 sec
228	19:41:10	SELECT * FROM ense470.software LIMIT 0, 1000	74 row(s) returned	0.000 sec / 0.000 sec
229	19:41:26	SELECT * FROM ense470.softwareapprover LIMIT 0, 1000	80 row(s) returned	0.000 sec / 0.000 sec
230	19:41:31	SELECT * FROM ense470.user LIMIT 0, 1000	73 row(s) returned	0.000 sec / 0.000 sec
231	20:03:02	SELECT * FROM ense470.softwareapprover LIMIT 0, 1000	80 row(s) returned	0.000 sec / 0.000 sec
232	20:03:35	SELECT * FROM ense470.software LIMIT 0, 1000	74 row(s) returned	0.000 sec / 0.000 sec

Database snapshot



Softwares

ID	acronym	name
1	OMG	Operating Map of Gastropathy
2	LOL	Limited Operating Liability
3	TMI	Total Mastering of Incisions
4	FOMO	Fixed Orthodontics Medical Operations
5	LOTR	List of Transactions and Redactions
6	NOOB	Northern Ozone & Ocean Biome
7		Alternative Sewage System
8	ROFL	Relational Observation System Limited
9		Fast Family Finder
10	SuX	Sustainable Xeriscaping

Relation Software-Approver

	ID	approver_ID	software_ID
	1	1	1
	2	2	1
	3	3	2
	4	4	3
	5	5	4
	6	6	5
	7	7	6
	8	8	7
	9	9	8
	10	10	9

Users

ID	email	name	password	type	username
1	Chester@gmail.com	Chester Field	827ccb0eea8a70...	A	Chester
2	Ida@gmail.com	Ida Claire	827ccb0eea8a70...	A	Ida
3	Amanda@gmail.com	Amanda Hua...	827ccb0eea8a70...	A	Amanda
4	Les@gmail.com	Les Wvnan	827ccb0eea8a70...	A	Les
5	Tara@gmail.com	Tara Dactyl	827ccb0eea8a70...	A	Tara
6	Claire@gmail.com	Claire Vovant	827ccb0eea8a70...	A	Claire
7	Will@gmail.com	Will Tickelu	827ccb0eea8a70...	A	Will
8	Polly@gmail.com	Polly Graff	827ccb0eea8a70...	A	Polly
9	Stan@gmail.com	Stan Dudo	827ccb0eea8a70...	A	Stan
10	Gene@gmail.com	Gene Poole	827ccb0eea8a70...	A	Gene

Softwares

	ID	acronym	name
1	OMG		Operating Map of Gastropathy
2	LOL		Limited Operating Liability
3	TMI		Total Mastering of Incisions
4	FOMO		Fixed Orthodontics Medical Operations
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7			Alternative Sewage System
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9			Fast Family Finder
10	SuX		Sustainable Xeriscaping

Relation Software-Approver

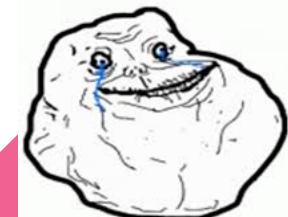
	ID	approver_ID	software_ID
1	1	1	1
2	2	1	
3	3	2	
4	4	3	
5	5	4	
6	6	5	
7	7	6	
8	8	7	
9	9	8	
10	10	9	

Users

	ID	email	name	password	type	username
1	Chester@gmail.com	Chester Field	827ccb0eea8a70...	A	Chester	
2	Ida@gmail.com	Ida Claire	827ccb0eea8a70...	A	Ida	
3	Amanda@gmail.com	Amanda Hua...	827ccb0eea8a70...	A	Amanda	
4	Les@gmail.com	Les Wynn	827ccb0eea8a70...	A	Les	
5	Tara@gmail.com	Tara Dactyl	827ccb0eea8a70...	A	Tara	
6	Claire@gmail.com	Claire Vovant	827ccb0eea8a70...	A	Claire	
7	Will@gmail.com	Will Tickelu	827ccb0eea8a70...	A	Will	
8	Polly@gmail.com	Polly Graff	827ccb0eea8a70...	A	Polly	
9	Stan@gmail.com	Stan Dudo	827ccb0eea8a70...	A	Stan	
10	Gene@gmail.com	Gene Poole	827ccb0eea8a70...	A	Gene	

No requests yet

Forever

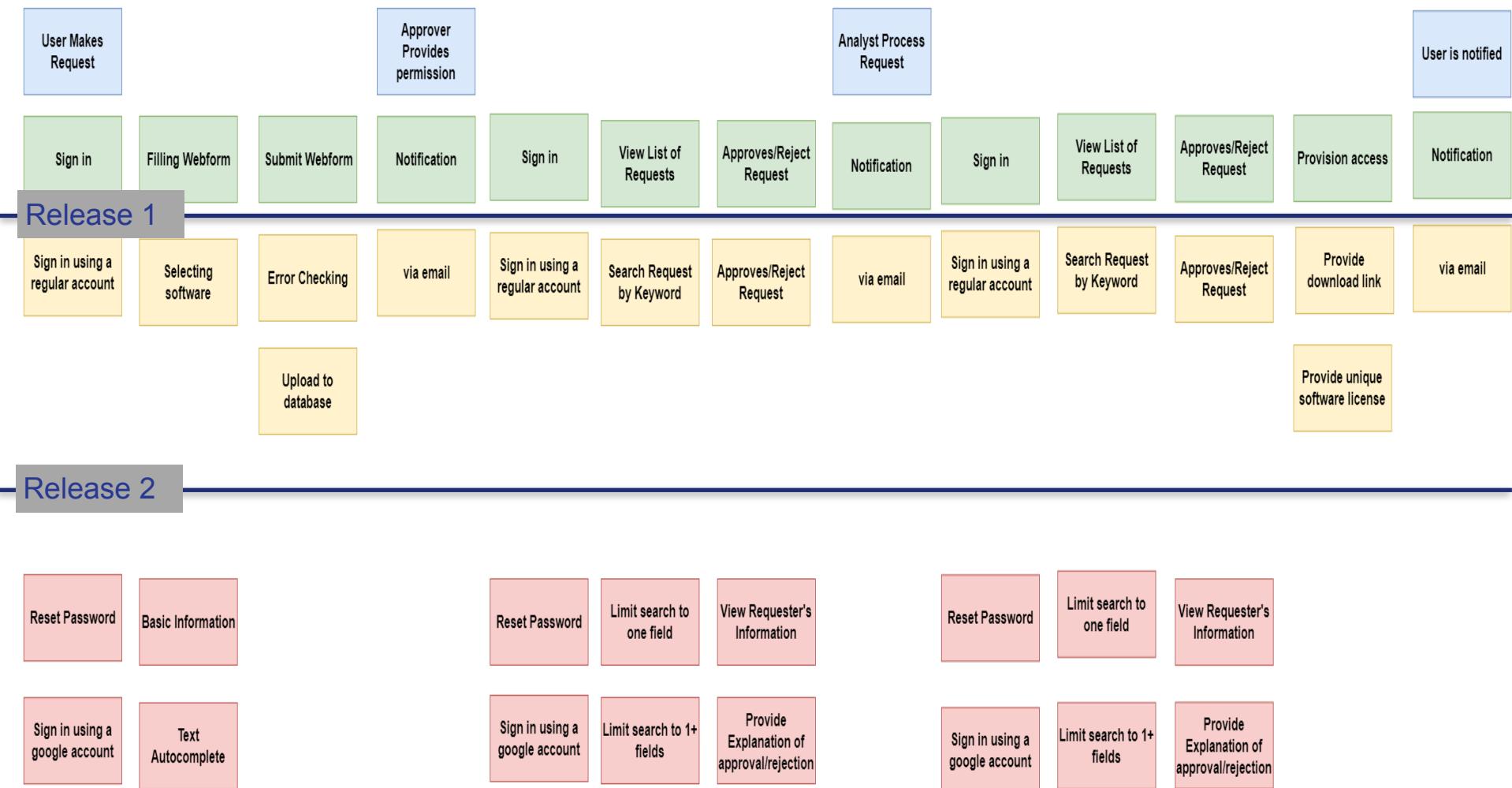


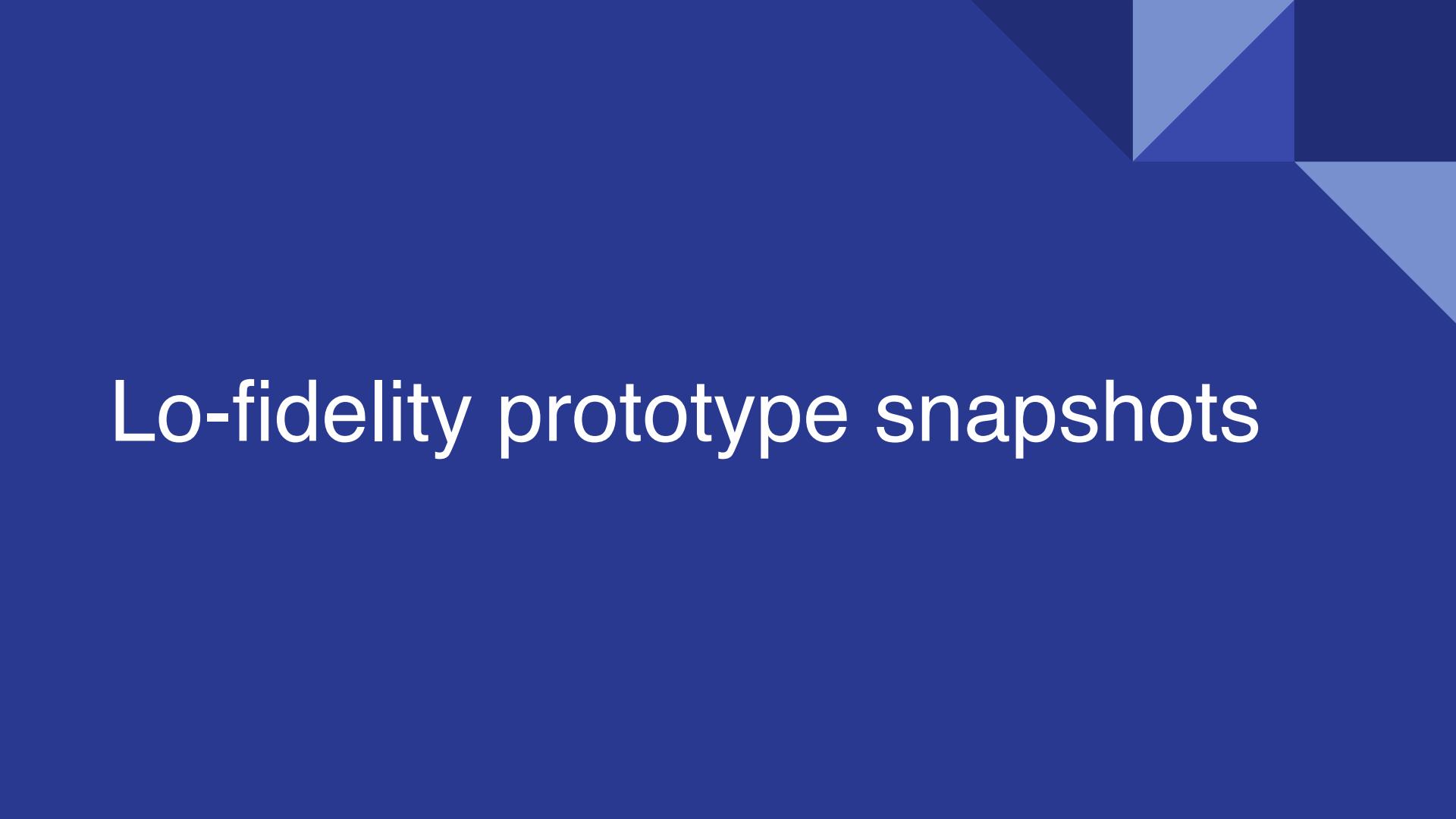
Alone

Data Cleansing

- Merge
 - PDF file
 - Spreadsheet
- Remove duplicated inputs
- Why do not create acronym for those that do not have?

User Story Map



The background features a dark blue gradient with several semi-transparent, overlapping triangles in various shades of blue. These triangles are positioned in the upper right quadrant, creating a sense of depth and movement.

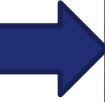
Lo-fidelity prototype snapshots

User

HELL

USERNAME:
PASSWORD:

submit



USERNAME can
not be empty!
PASSWORD can not
be empty!

USERNAME:
PASSWORD:

submit



HELL

USERNA~~M~~ **USER NAME**
PASSWORD *********

submit



HELL

Software Request Form

Name:
E-mail:
software Name:

You Have Successfully
submitted the request

OK

Submit



HELL

Software Request Form
Name:
E-mail:
software Name:
Operating Map ---
web Utility Table
Free MySQL Logger
Observation
Cisco WebEX
MySQL

LOGO

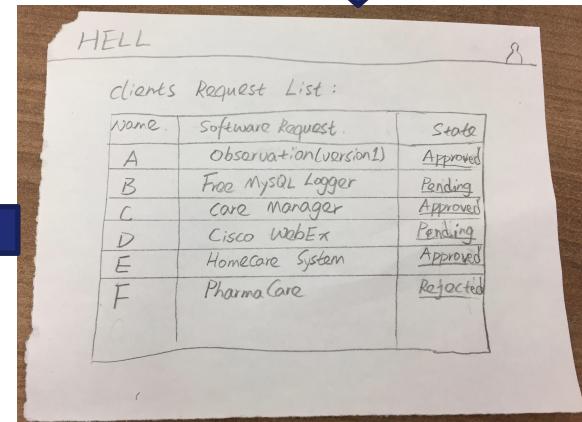
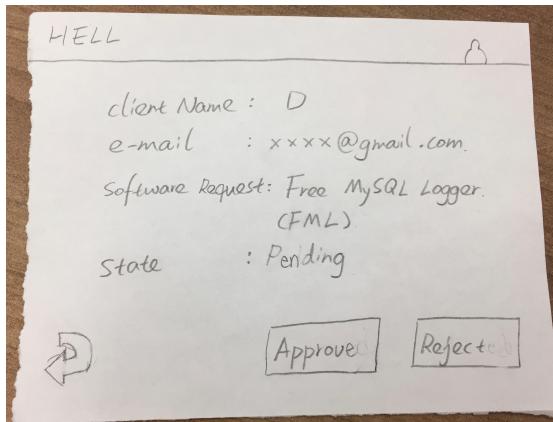
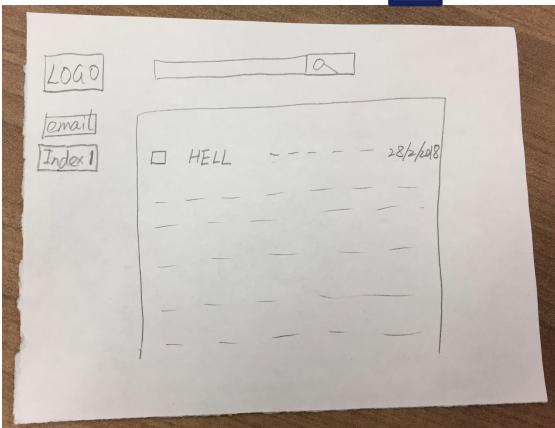


HELL

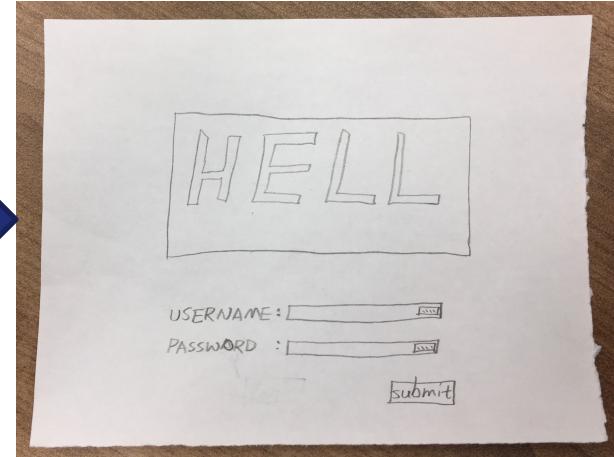
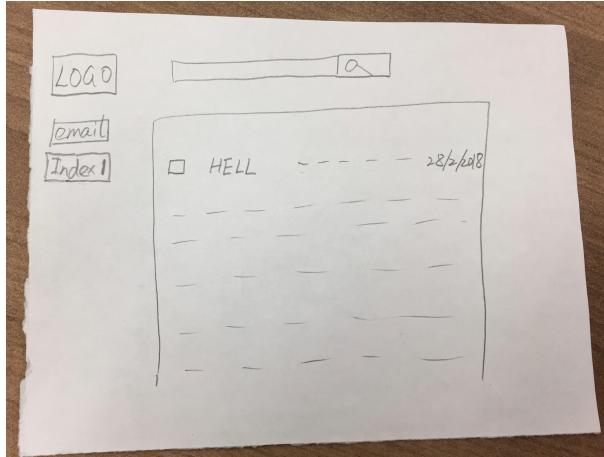
Software Request Form
Name:
E-mail:
software Name:
Submit



Approver



Analyst



A hand-drawn wireframe of a user interface. At the top left is a header 'clients Request List:'. Below it is a table with four columns: 'Name', 'Software Request', 'State', and 'Approver'. The table has five rows labeled A, B, C, D, and E. Row A: 'A', 'observation', checked, checked, 'AA'. Row B: 'B', 'Free MySQL Logger', completed, 'BB'. Row C: 'C', 'Cisco WebEX', checked, checked, 'CC'. Row D: 'D', 'Homecare System', denied, 'DD'. A large blue arrow points from the previous diagram to this one.

clients Request List:			
Name	Software Request	State	Approver
A	observation	✓ ✕	AA
B	Free MySQL Logger	Completed	BB
C	Cisco WebEX	✓ ✕	CC
E	Homecare System	denied	DD



Group Reflection

How did you feel about this milestone? What did you like about it? What did you dislike?

- It was a lot more detailed work compared to previous milestones.
- Our project became a lot more clearer when we did low-fidelity prototyping.

What did you learn about yourself as you collaborated and worked through this milestone?

- We learned low-fidelity prototype skills.

How will you use what you have learned going forward?

- Helps to design a highly flexible design

What “stuff & things” related to this milestone would you want help with?

- Having an easier way to make the lo-fi prototypes