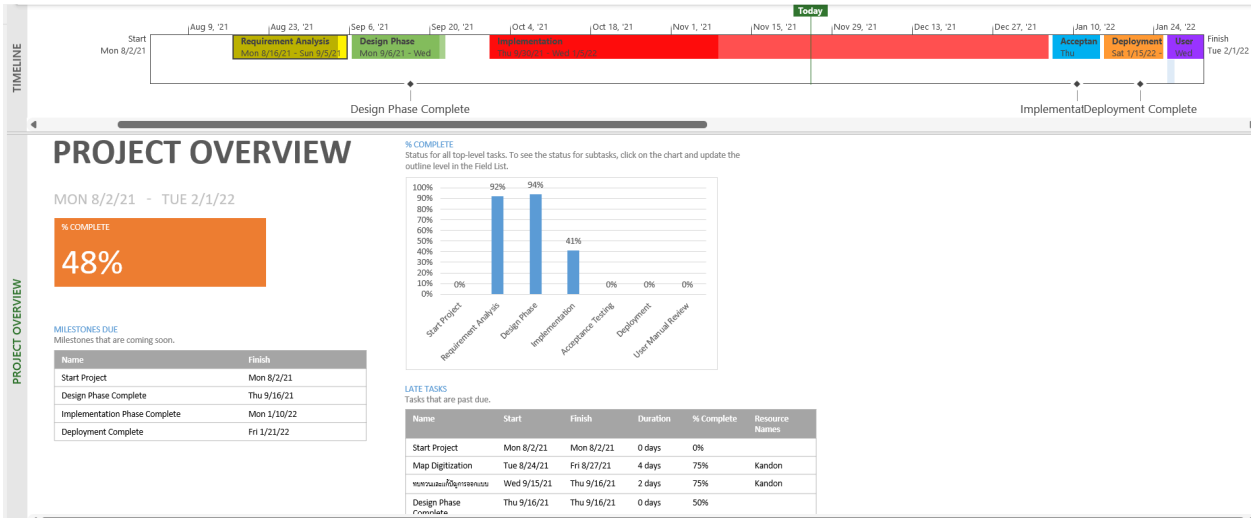
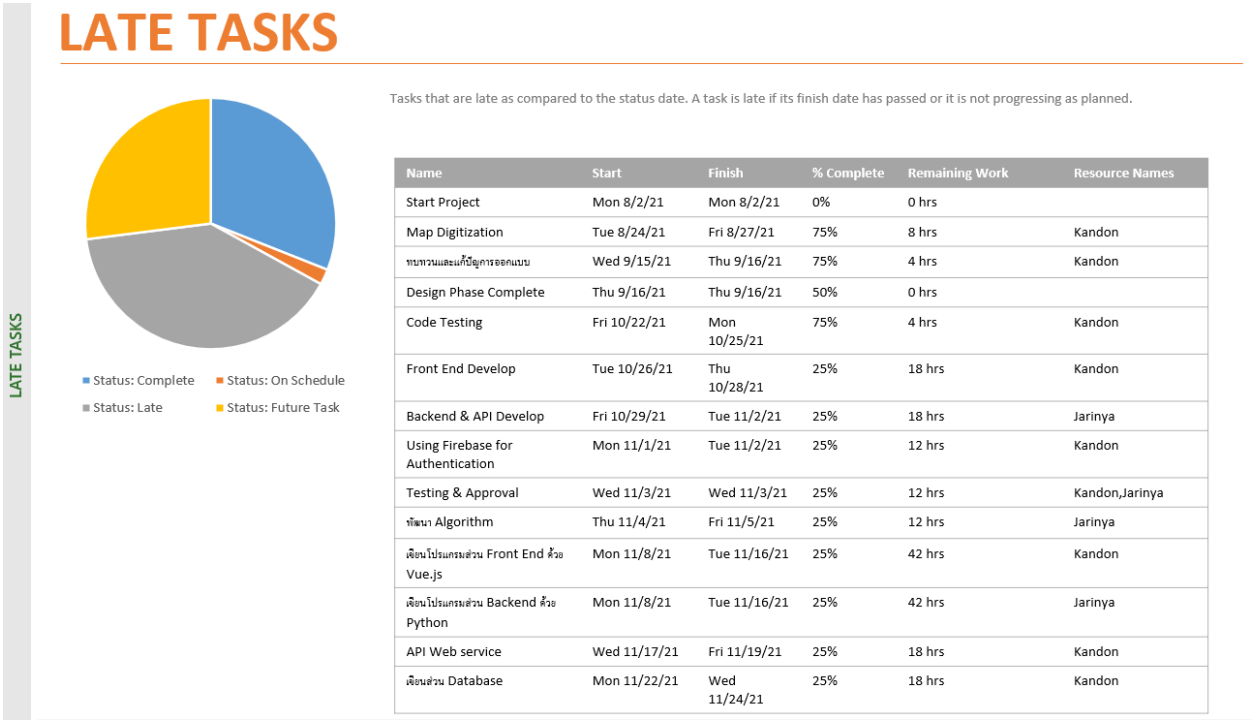
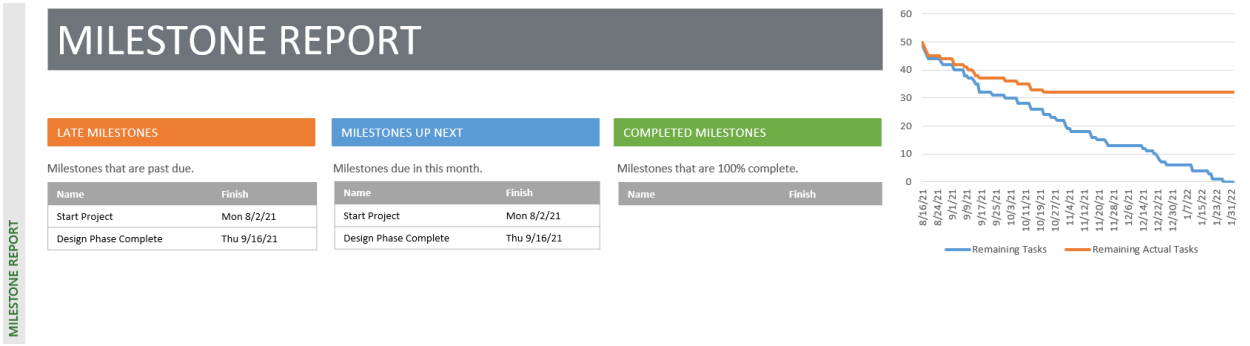
1. Dashboard: Project Overview



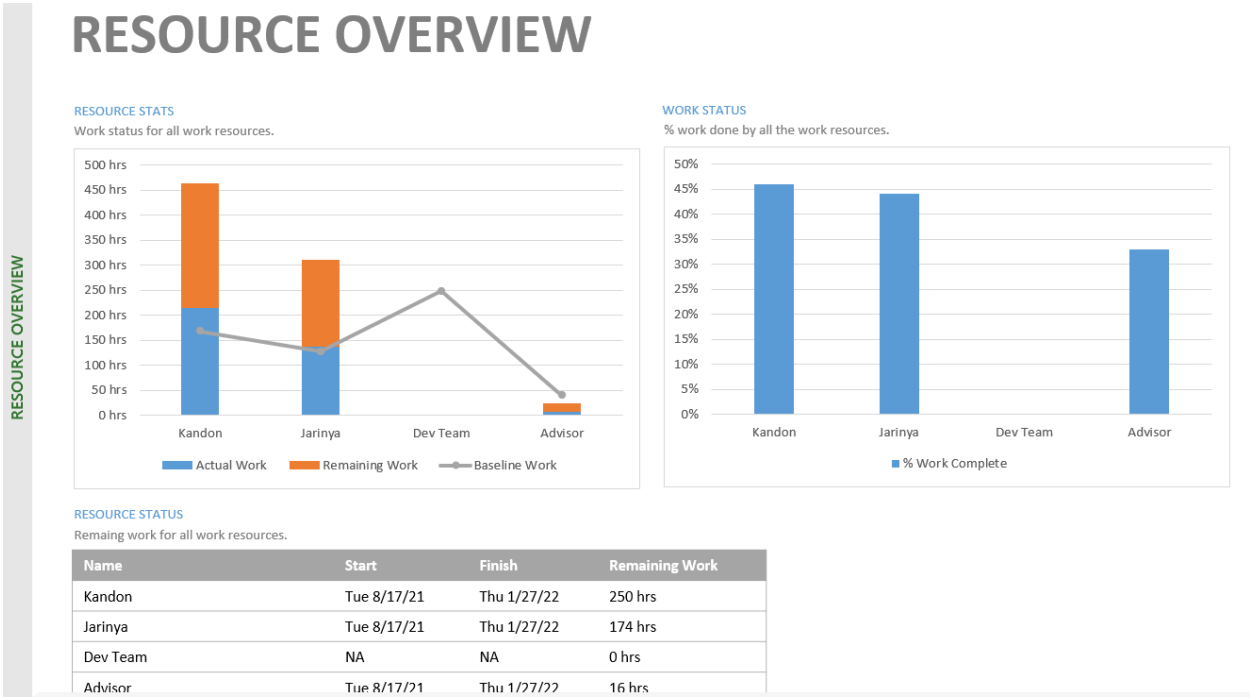
2. Dashboard: Late Task



3. Dashboard: Milestone Report



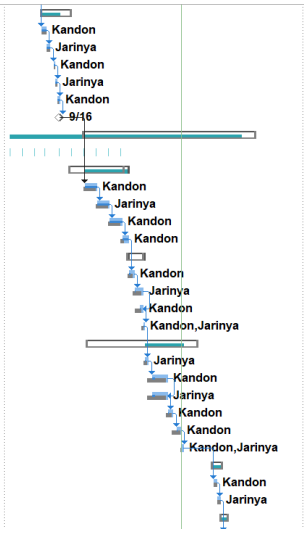
4. Dashboard: Resource Overview



5. Gantt Chart

GANTT CHART

12		**2**	**Design Phase**	**13 days**	**Mon 9/6/21**	**Wed 9/22/21**	
13	✓	2.1	UX/UI Design	3 days	Mon 9/6/21	Wed 9/8/21	11
14	✓	2.2	Database Design	2 days	Thu 9/9/21	Fri 9/10/21	13
15	✓	2.3	System Architecture Design	1 day	Mon 9/13/21	Mon 9/13/21	14
16	✓	2.4	Software Architecture Design	1 day	Tue 9/14/21	Tue 9/14/21	15
17		2.5	ทบทวนและแก้ปัญหาการออกแบบ	2 days	Wed 9/15/21	Thu 9/16/21	16
18		2.6	Design Phase Complete	0 days	Thu 9/16/21	Thu 9/16/21	17
19		**3**	**Implementation**	**70 days?**	**Thu 9/30/21**	**Wed 1/5/22**	
20	↻	**3.1**	**Status Update Meeting**	**46 days**	**Wed 8/18/21**	**Thu 10/21/21**	
31		**3.2**	**Tools Study**	**24 days**	**Wed 9/22/21**	**Mon 10/25/21**	
32	✓	3.2.1	study Vue.js	5 days	Fri 10/1/21	Thu 10/7/21	18FS+10 days
33	✓	3.2.2	study Python	5 days	Fri 10/8/21	Thu 10/14/21	32
34	✓	3.2.3	study Docker, Json server	5 days	Fri 10/15/21	Thu 10/21/21	33
35		3.2.4	Code Testing	2 days	Fri 10/22/21	Mon 10/25/21	34
36		**3.3**	**Account & Login Page**	**7 days**	**Tue 10/26/21**	**Wed 11/3/21**	
37		3.3.1	Front End Develop	3 days	Tue 10/26/21	Thu 10/28/21	35
38		3.3.2	Backend & API Develop	3 days	Fri 10/29/21	Tue 11/2/21	37
39		3.3.3	Using Firebase for Authentication	2 days	Mon 11/1/21	Tue 11/2/21	38FF
40		3.3.4	Testing & Approval	1 day	Wed 11/3/21	Wed 11/3/21	39
41		**3.4**	**Basic Information Page**	**46 days**	**Sat 10/2/21**	**Fri 12/3/21**	
42		3.4.1	พัฒนา Algorithm	2 days	Thu 11/4/21	Fri 11/5/21	40
43		3.4.2	เขียนโปรแกรมส่วน Front End ด้วย Vue.js	7 days	Mon 11/8/21	Tue 11/16/21	42
44		3.4.3	เขียนโปรแกรมส่วน Backend ด้วย Python	7 days	Mon 11/8/21	Tue 11/16/21	43FF
45		3.4.4	API Web service	3 days	Wed 11/17/21	Fri 11/19/21	44
46		3.4.5	เขียนส่วน Database	3 days	Mon 11/22/21	Wed 11/24/21	45
47		3.4.6	Testing & Approval	1 day	Thu 11/25/21	Thu 11/25/21	46
48		**3.5**	**Server & Database**	**6 days?**	**Sun 12/12/21**	**Fri 12/17/21**	
49		3.5.1	Put Json Server to Docker	2 days	Mon 12/13/21	Tue 12/14/21	47
50		3.5.2	Get Data form DLT	2 days	Wed 12/15/21	Thu 12/16/21	49
51		**3.6**	**Test Plan**	**2 days**	**Fri 12/17/21**	**Mon 12/20/21**	



อาจารย์ที่ปรึกษาลงนามรับทราบ

ผศ.ดร.ธนัญชัย ตรีภาค