



ORACLE

# APEX HOL

Oracle Digital Prime, Tech-SE

2020-04-28

## 실습 자료 링크

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<https://tinyurl.com/ycouhgqx>

# HOL01 – 엑셀에서 앱 만들기-시연

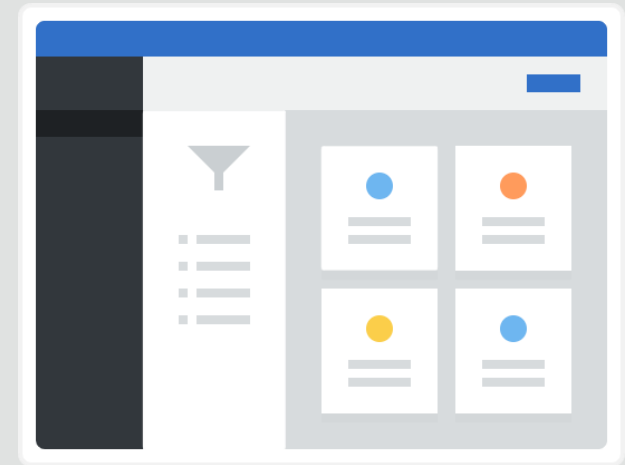
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## HOL02 – 테이블에서 앱 만들기

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# HOL02 실습 애플리케이션

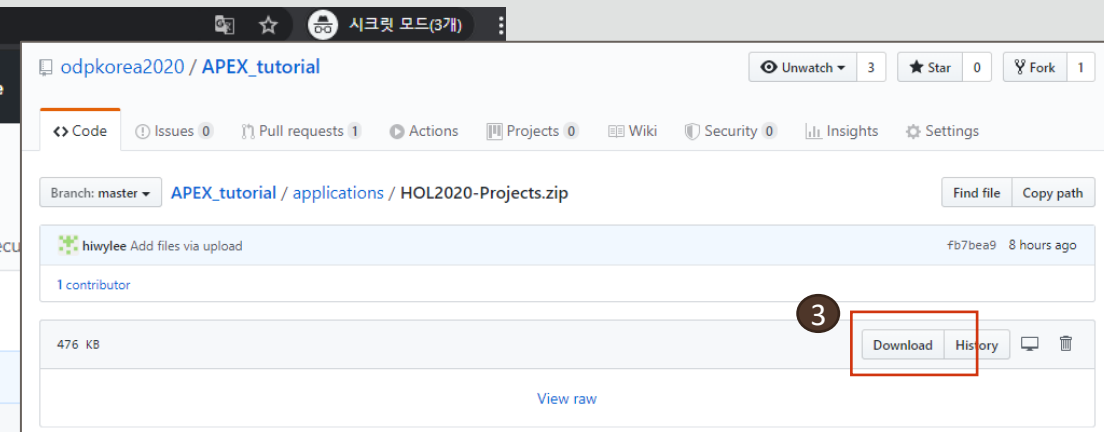
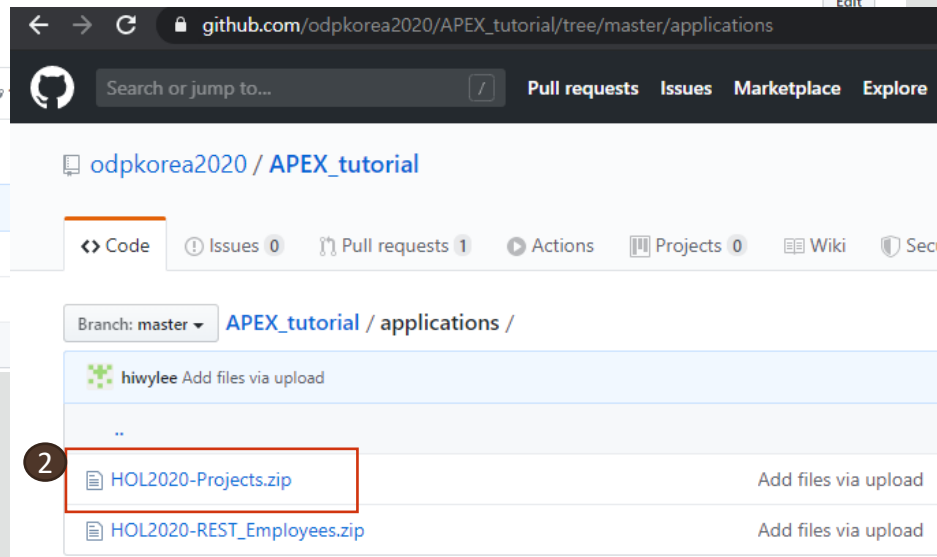
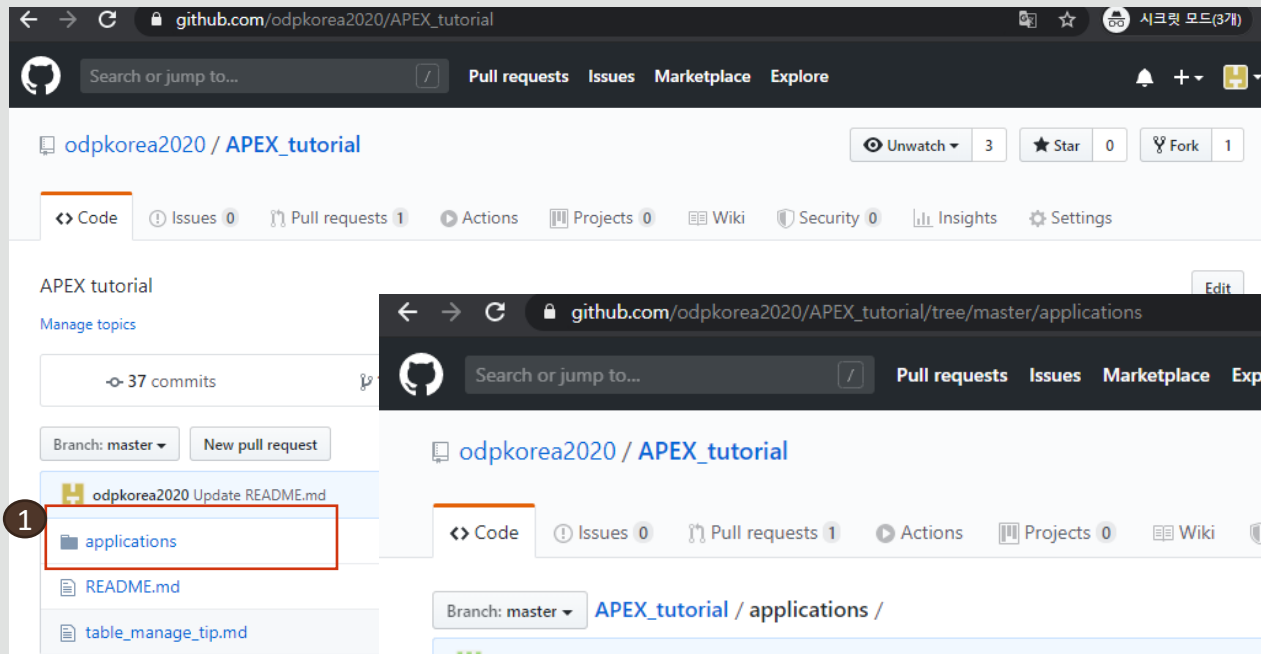
애플리케이션 import 하는 방법



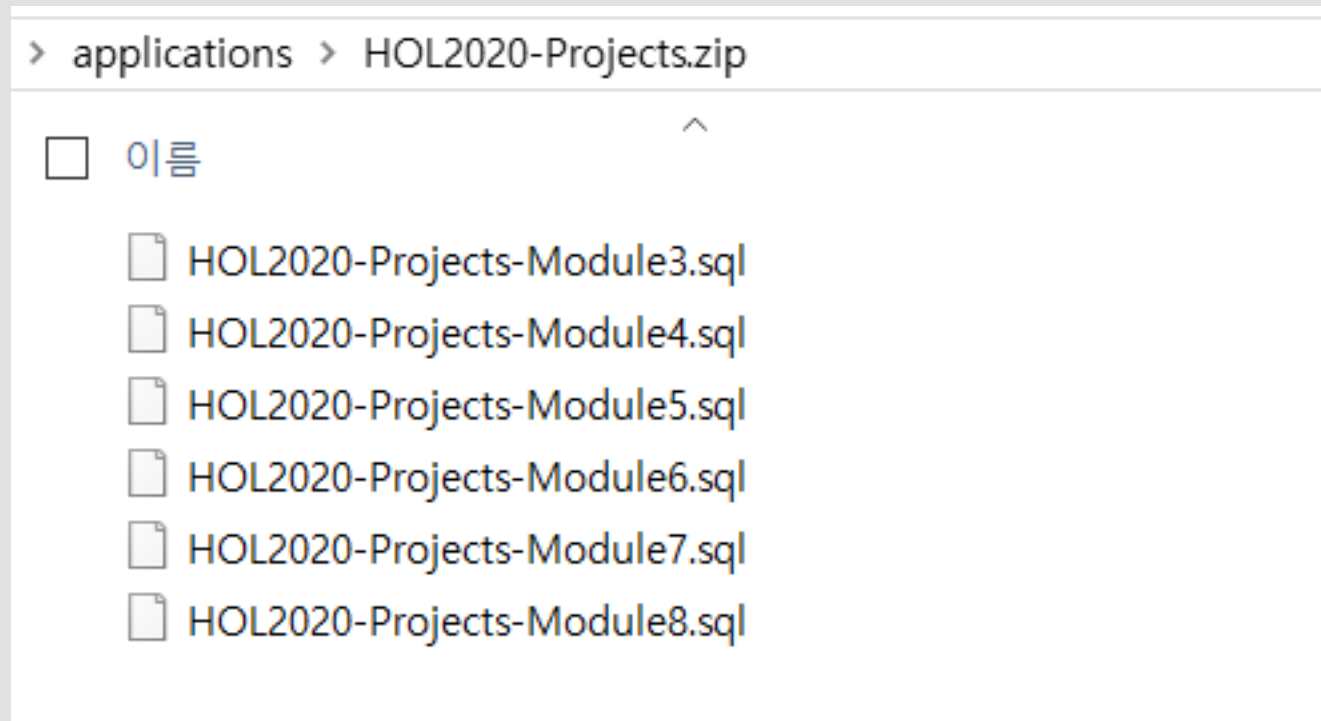


# HOL02 단계별 완성 애플리케이션 다운로드

<https://tinyurl.com/ycouhgqx>



## HOL02 단계별 완성 애플리케이션 import



예) HOL2020-Projects-Module8.sql => HOL02 실습 모듈 8 완성 애플리케이션



Create



Import



Dashboard



Workspace Utilities

#### About

The App Builder enables you to design, develop and deploy applications which are beautiful and responsive.

[Learn More ...](#)

#### Recent

**137884** TEST >

**130420** HOL2020-Projects-Module8 >

**134695** HOL2020-REST Employees Module5 >

**131915** HOL2020-Projects-Module4 >

**134675** HOL2020-REST Employees Module4 >

#### Tasks

[Install Sample App](#) >

[Install Productivity App](#) >

[Manage Backups](#) >

[Browse by Facets](#) >


#### Migrations

[Oracle Forms Migrations](#) >

 ▾

Go













Actions ▾

Reset

Create >

Application ↑	Name	Pages	Updated By	Updated	Run
15359	Sample Charts	49	hiwylee@gmail.com	8 weeks ago	
63226	REST Employees - HOL	5	hiwylee@gmail.com	5 weeks ago	
69716	Sample Database Application	44	hiwylee@gmail.com	5 weeks ago	
103454	Project Tasks - 자동생성	9	hiwylee@gmail.com	5 weeks ago	
103887	Projects	31	hiwylee@gmail.com	5 weeks ago	
130167	HOL2020-Projects-Module3	11	hiwylee@gmail.com	10 days ago	
130420	HOL2020-Projects-Module8	30	hiwylee@gmail.com	7 days ago	
131565	HOL2020-Project Tasks	8	hiwylee@gmail.com	10 days ago	



Import

# Import

Drag and drop file here or

3

Choose File

HOL2020-Projects-Module8.sql

- \* File Type:
- ☒ Database Application, Page or Component Export
  - ☐ Worksheet Application Export
  - ☐ Plug-in
  - ☐ Theme Export
  - ☐ User Interface Defaults
  - ☐ Team Development Feedback

File Character Set

Cancel

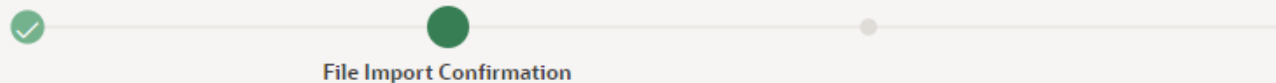
Help

4

Next >



# Import



The export file has been imported successfully.

If you wish to install now, click the **Next** button. You can also install this file at a later time by navigating to the Export Repository.

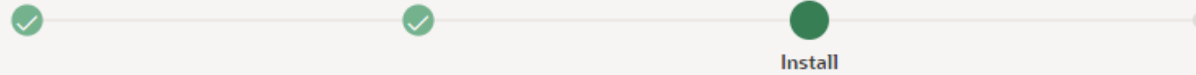
> **Tasks**

< Cancel

5

**Next >**

# Install Database Application



When you install an application having the same ID as an existing application in the current workspace, the existing application is deleted and then replaced by the new application. If you attempt to install an application having the same ID as an existing application in a different workspace, a benign error message displays. If you are importing a Application Express application, the installation wizard will allow you to install supporting objects.

Current Workspace: **WY\_APEX** ⓘ

Export File Workspace: **WY\_APEX** ⓘ

Export File Workspace ID: **28827880504006715862** ⓘ

Export File Application ID: **130420** ⓘ

Export File Version: **2020.03.31** ⓘ

Export File Parsing Schema: **WYAPEX** ⓘ

Application Origin: **This application was exported from the current workspace.** ⓘ

\* Parsing Schema  ⓘ

\* Build Status  ⓘ

\* Install As Application: ☒ **Auto Assign New Application ID** ⓘ  
☐ Reuse Application ID 130420 From Export File  
☐ Change Application ID

> Tasks

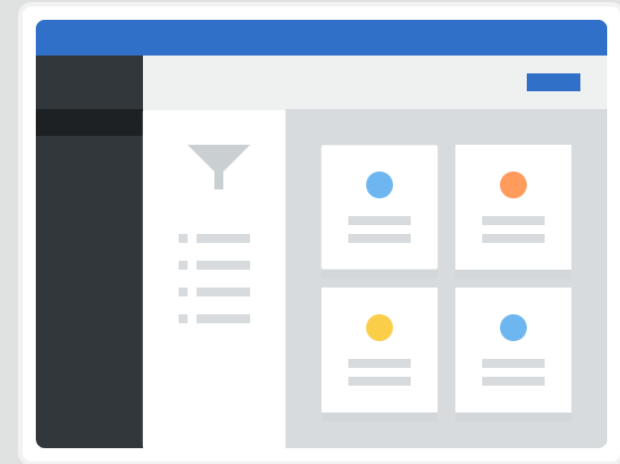
< Cancel

6

Install Application

# Module 03


## Creating the Application





# Home


HOL2020-Projects


hiwylee@gmail.com


 홈


 Dashboard


 Tasks Search

 Projects


 Milestones


 Tasks


 Tasks Calendar


 HOL2020-Projects


6 페이지로 구성된 App 만들기


 Dashboard

 Tasks Search

 Projects

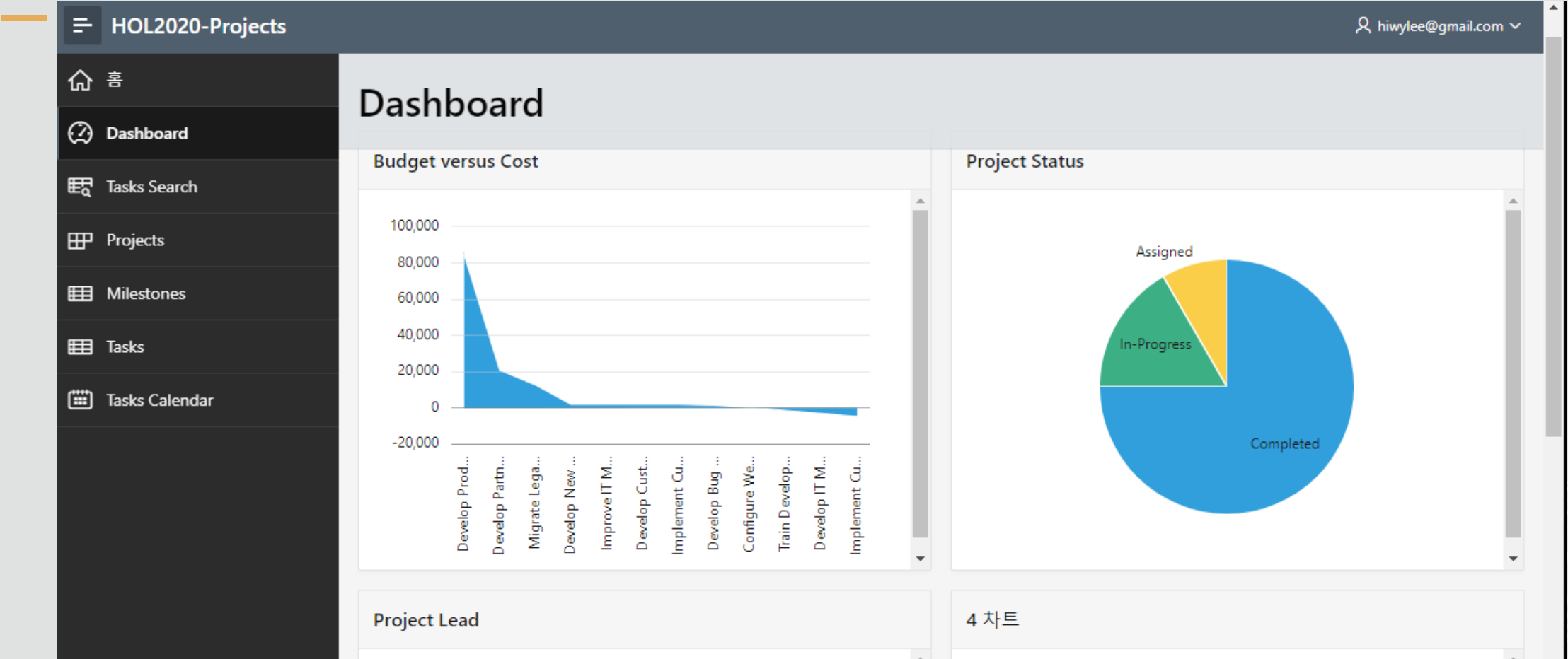
 Milestones

 Tasks

 Tasks Calendar



# Dashboard



# Tasks Search

HOL2020-Projects

hiwylee@gmail.com

홈

Dashboard

Tasks Search

Projects

Milestones

Tasks

Tasks Calendar

Tasks Search

검색...

실행

Project

Develop IT Management Apps (17)

Develop Production Partner Portal (17)

Improve IT Management Apps (14)

Develop Bug Application (11)

Develop Customer Tracker (11)

더 보기

Assignee

Madison Smith (19)

Bernard Jackman (13)

Harold Younablood (13)

총 행 수 125

재설정

Project	Milestone	Name	Description	Assignee	Start Date	End Date	Cost	Is C
Configure Web Environment		Identify Server Requirements	Determine which databases will be used to install Web development tool for Development, QA, and Production. Also specify which Web Listeners will be used for the three environments.	Tameka Hall	2019/12/19	2019/12/20	2,000	Y
			Install the latest version of Web					



# Projects

HOL2020-Projects

hiwylte@gmail.com

Home

Dashboard

Tasks Search

Projects

Milestones

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Projects

Configure Web Environment

Determine the hardware and software required to develop with Web development tool.

Lucille Beatie

Develop Bug Application

Develop an application to track bugs and their resolution.

Lucille Beatie

Develop Customer Tracker

Develop an application to track customers from prospects through closed deals.

Lucille Beatie

Develop IT Management Apps

Develop apps to allow IT to manage resources.

Bernard Jackman

Develop New Reporting Apps

Develop apps to meet C Level reporting requirements.

Lucille Beatie

Develop Partner Portal POC

Develop a proof of concept that partners can use to work more collaboratively with us.

Bernard Jackman

Develop Production Partner

Implement Customer

Implement Customer Success



# Milestones

HOL2020-Projects

hiwylee@gmail.com

홈

Dashboard

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Milestones

Tasks

Tasks Calendar

Milestones

🔍

실행

작업

재설정

생성

	Project	Name	Description	Due Date
✎	Develop Bug Application	Deliver First-Cut of Bug Tracker	Create the initial screens and populate with data so key stakeholders can review the initial solution.	2020/03/05
✎	Develop Bug Application	Review Bug Tracker Productivity App	Work with key stakeholders to prioritize improvements to the default Productivity App.	2020/02/28
✎	Develop Bug Application	Deliver Final Customer Tracker Application	Deliver the completed application to the business.	2020/03/12
✎	Develop Customer Tracker	Deliver Final Customer Tracker Application	Deliver the completed application to the business.	2020/02/17
✎	Develop Customer Tracker	Deliver First-Cut of Customer Tracker	Create the initial screens and populate with data so key executives can review the initial solution.	2020/02/09
✎	Develop Customer Tracker	Review Productivity App	Work with key stakeholders to prioritize improvements to the default Productivity App.	2020/02/05
✎	Develop IT Management	Define IT Management App Scope	Define the different apps required to meet IT requirements.	2020/01/12



# Tasks

HOL2020-Projects

hiwylee@gmail.com

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Tasks Calendar

Tasks

Q

실행

작업

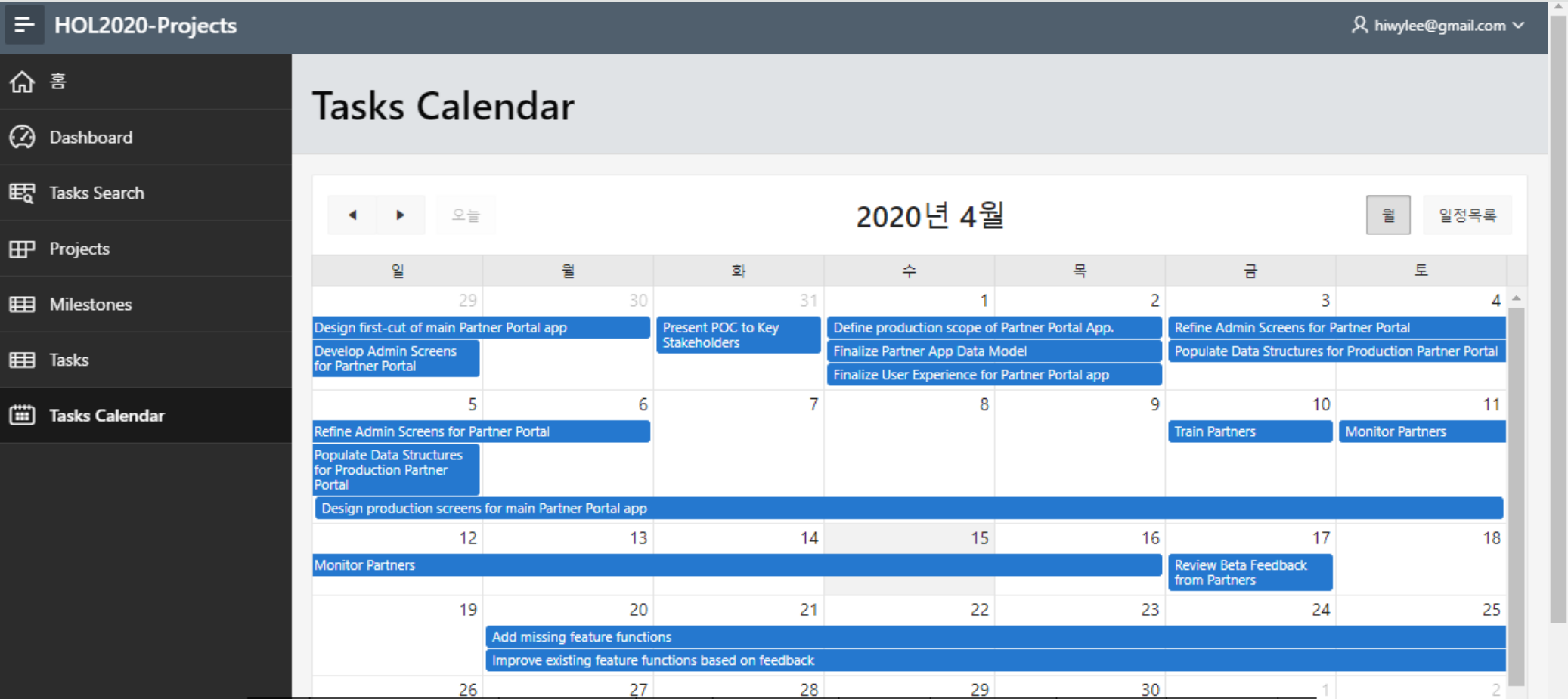
재설정

생성

	Project	Milestone	Name	Description	Assignee	Start Date	End Date	Cost	Is Complete
	Configure Web Environment		Configure Web development tool Instance Administration Settings	Set the appropriate security and configuration settings for the development instance using specified tools. Also set instance settings for QA and Production using the available APIs.	Bernard Jackman	2019/12/22	2019/12/22	500	Y
	Configure Web Environment		Configure Web Listeners	Configure the three Web Listeners for Web development tool to support the Dev, QA, and Prod environments.	Harold Youngblood	2019/12/21	2019/12/21	500	Y
	Configure Web Environment		Install Web development tool	Install the latest version of Web development tool from the vendor into the databases for Development, QA, and Production. Note: For QA and Production, Web development tool should be configured as "run time" only.	Mei Yu	2019/12/21	2019/12/21	1,000	Y

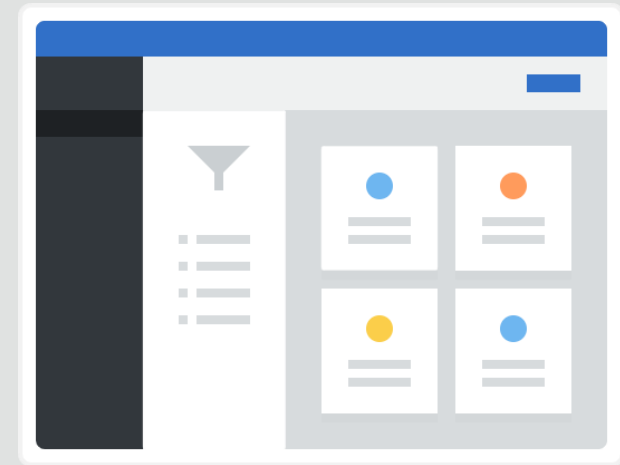


# Tasks Calendar



# Module 04

## Regenerating the App



# Milestones

HOL2020-Projects

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홈

Dashboard

Tasks Search

Projects

Milestones

Tasks

Tasks Calendar

Milestones

Q

실행

작업

재설정

생성

Project	Name	Description
Develop Bug Application	Deliver First-Cut of Bug Tracker	Create the initial screens and solution.
Develop Bug Application	Review Bug Tracker Productivity App	Work with key stakeholders to
Develop Bug Application	Deliver Final Customer Tracker Application	Deliver the completed applica
Develop Customer Tracker	Deliver Final Customer Tracker Application	Deliver the completed applica
Develop Customer Tracker	Deliver First-Cut of Customer Tracker	Create the initial screens and solution.
Develop Customer Tracker	Review Productivity App	Work with key stakeholders to
Develop IT Management	Define IT Management App Scope	Define the different apps requ

HOL2020-Projects-Module4

hiwylee@gmail.com

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검색: 모든 텍스트 열

실행

작업

편집

저장

행 추가

리포트 변경

재설정

Project	Name	Description
<input checked="" type="checkbox"/>	Train Developers	Train the Trainers
<input type="checkbox"/>	Train Developers	All Developers Trained
<input type="checkbox"/>	Migrate Legacy Applications	Move Data Structures
<input type="checkbox"/>	Migrate Legacy Applications	Redevelop HR Applications
<input type="checkbox"/>	Migrate Legacy Applications	Redevelop Project Tracking Applications
<input type="checkbox"/>	Develop Partner Portal POC	Define Requirements
<input type="checkbox"/>	Develop Partner Portal POC	Build Proof-of-Concept
<input type="checkbox"/>	Develop Production Partner Portal	Define Production App Scope
<input type="checkbox"/>	Develop Production Partner Portal	Build Phase 1 of Production Partner Portal App
<input type="checkbox"/>	Develop Production Partner Portal	Perform Beta testing with select Partners
<input type="checkbox"/>	Develop Production Partner Portal	Complete Phase 1 Development of Partner P...



# Administration

HOL2020-Projects-Module4

홈

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Administration

Administration

Application Administration

Statuses

Manage component

Configuration

Configuration Options

Enable or disable application features

User Interface

Theme Style Selection

Set the default application look and feel

Activity Reports

Access Control

Add

애플리케이션 액세스 제어 목록에 정의된 사용자만 이 애플리케이션에 액세스할 수 있습니다.

Administrator	1
Contributor	0
Reader	0

Users

Change access control settings and disable access control

Access Control

Set level of access for authenticated users of this application

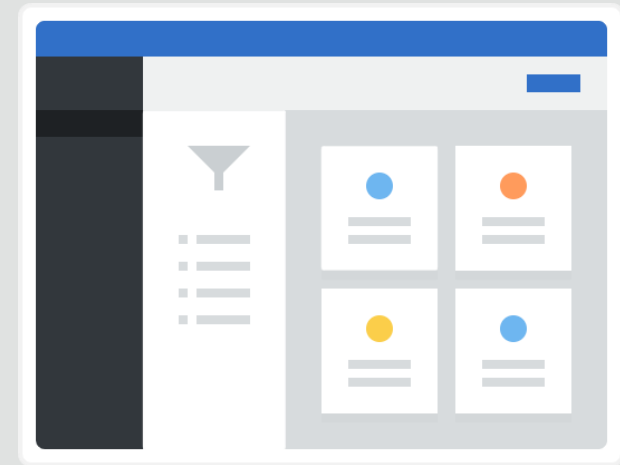
Feedback

페이지 추가



# Module 05

## Improving the Dashboard





# Dashboard

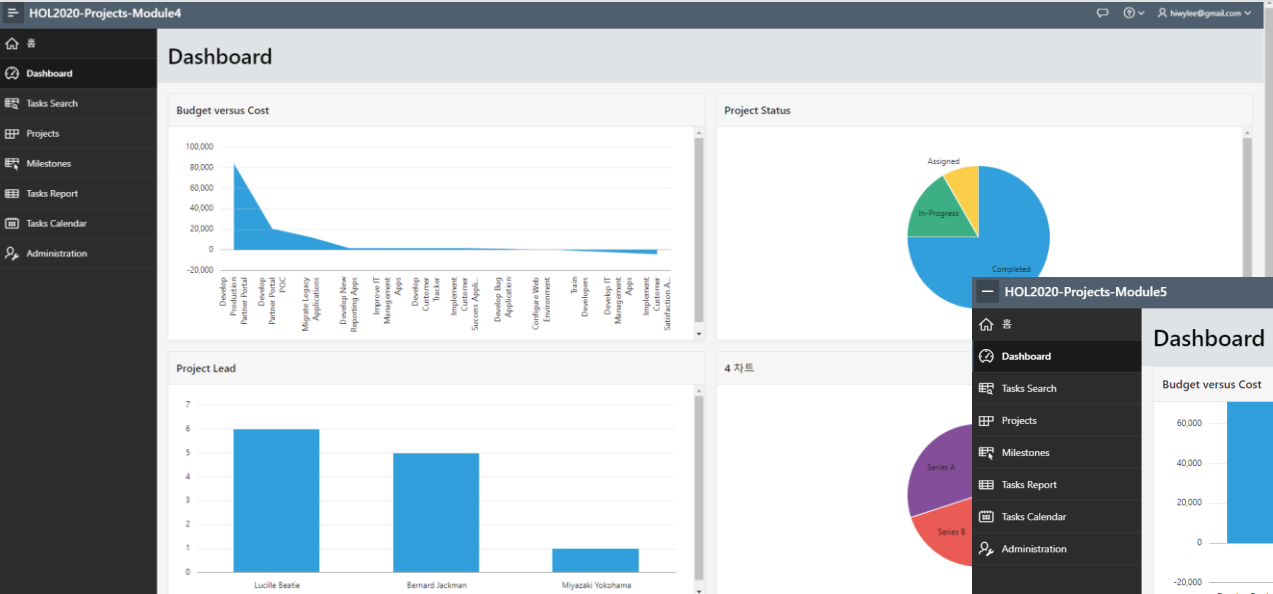
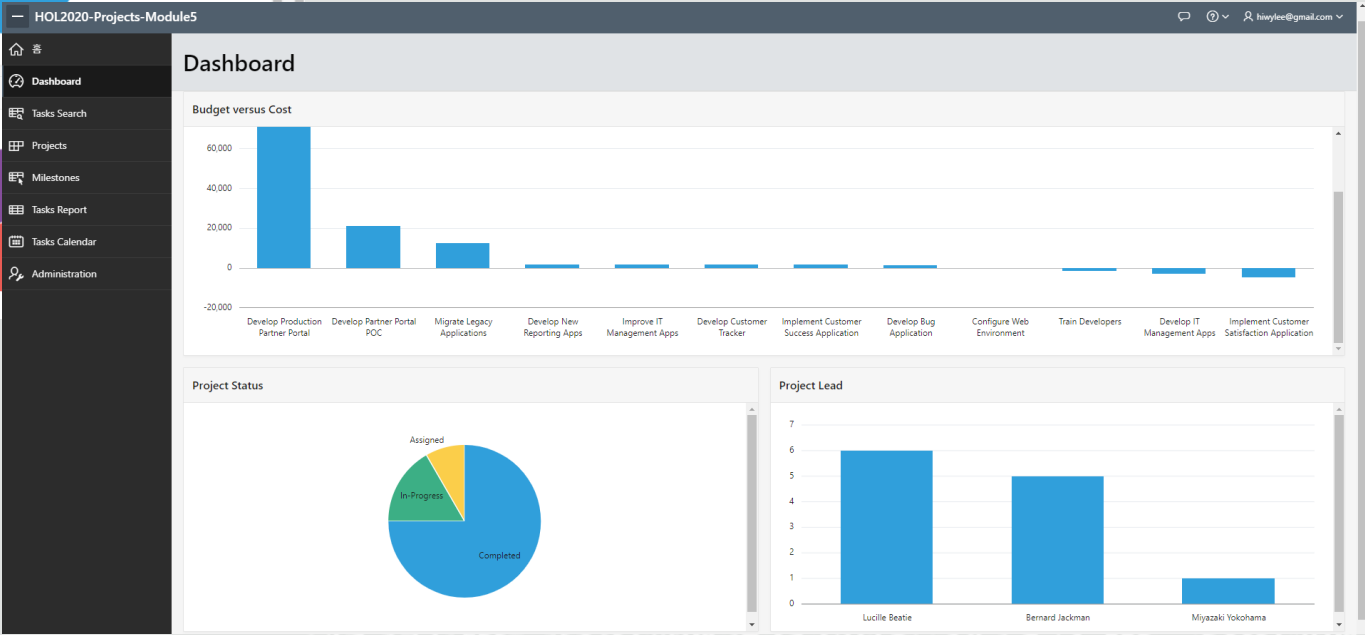
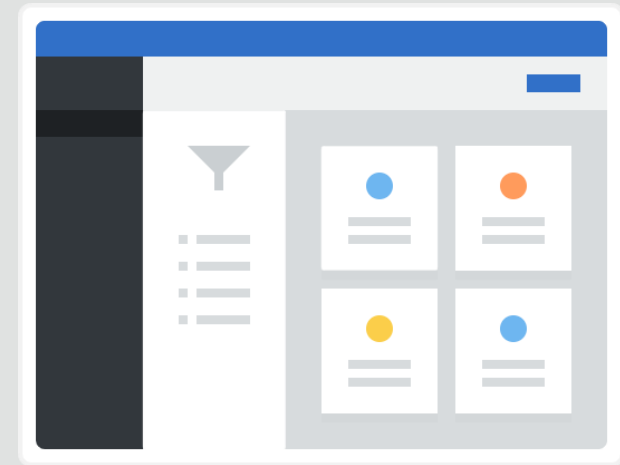


차트 삭제 및 레이아웃 변경

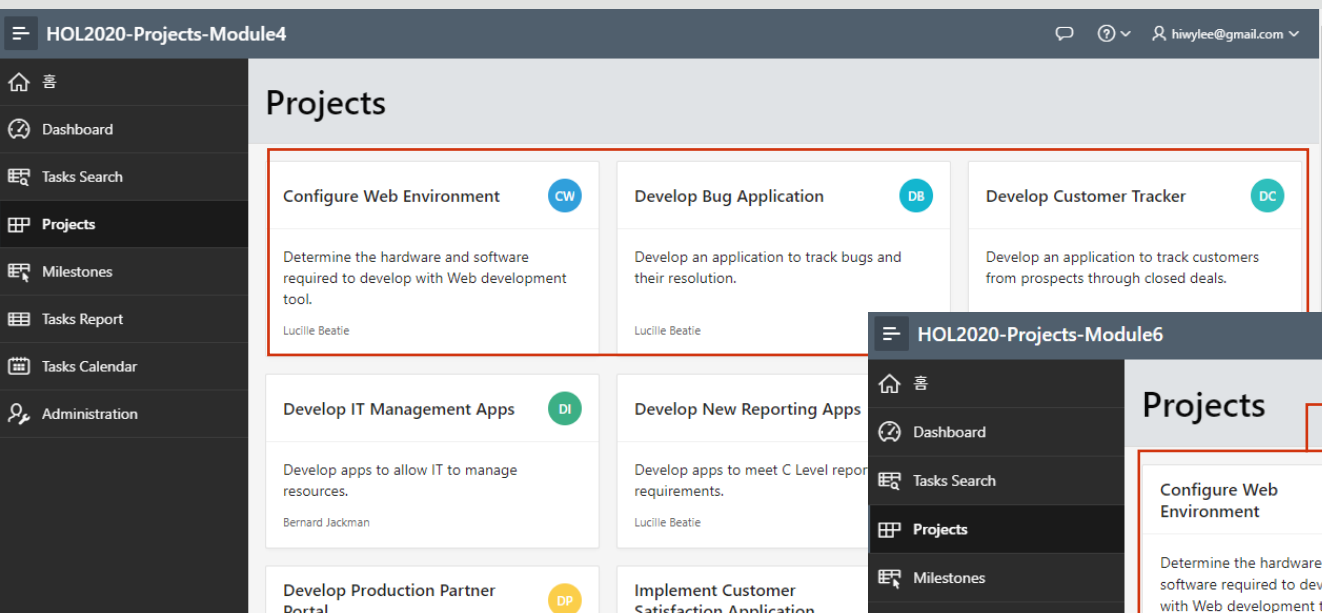


# Module 06

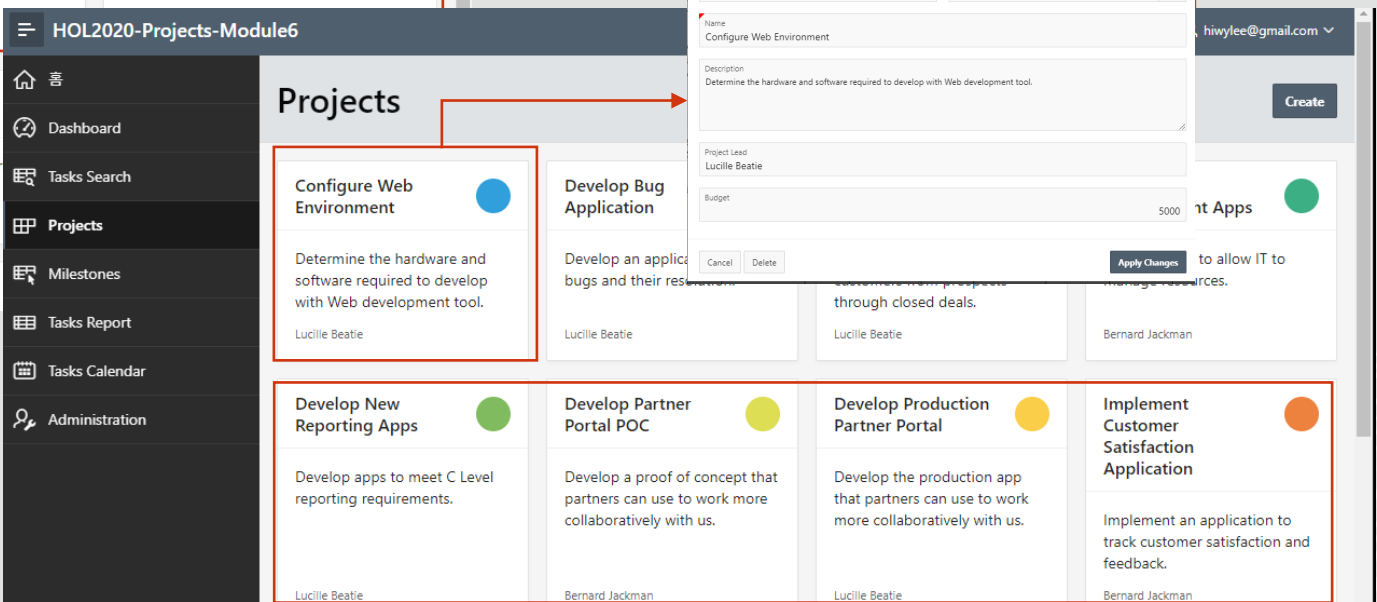
## Improving Projects



# Projects

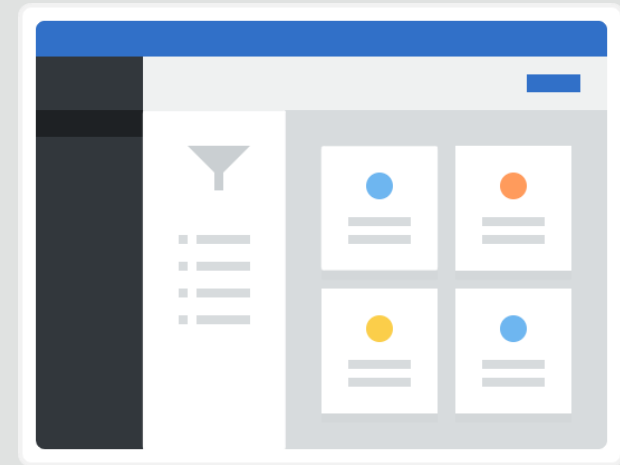


그리드 3 열에서 4열로 변경하고  
수정 Form 추가



# Module 07

## Improving Milestones



# Milestones

HOL2020-Projects-Module4

HomeDashboardTasks SearchProjectsMilestonesTasks ReportTasks CalendarAdministration

Milestones

검색: 모든 텍스트 열

실행작업▼편집저장항 추가재설정

Project	Name	Description	Due Date
<input type="checkbox"/>	Train Developers	Train the Trainers	29-12월-2019
<input type="checkbox"/>	Train Developers	All Developers Trained	02-1월 -2020
<input type="checkbox"/>	Migrate Legacy Applications	Move Data Structures	
<input type="checkbox"/>	Migrate Legacy Applications	Redevelop HR Applications	
<input type="checkbox"/>	Migrate Legacy Applications	Redevelop Project Tracking Applications	
<input type="checkbox"/>	Develop Partner Portal POC	Define Requirements	
<input type="checkbox"/>	Develop Partner Portal POC	Build Proof-of-Concept	
<input checked="" type="checkbox"/>	Develop Production Partner Portal	Define Production App Scope	
<input type="checkbox"/>	Develop Production Partner Portal	Build Phase 1 of Production Partner Po...	
<input type="checkbox"/>	Develop Production Partner Portal	Perform Beta testing with select Partn...	
<input type="checkbox"/>	Develop Production Partner Portal	Complete Phase 1 Development of Par...	

컬럼 위치 변경 및 크기 고정



HOL2020-Projects-Module7

HomeDashboardTasks SearchProjectsMilestonesTasks ReportTasks CalendarAdministration

Milestones

검색: 모든 텍스트 열

실행작업▼편집저장항 추가재설정

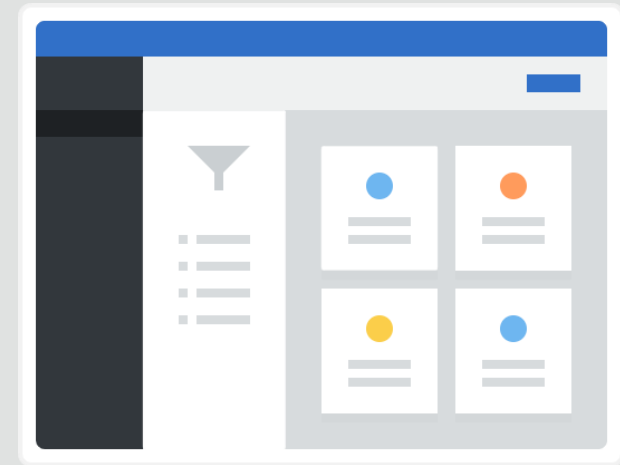
Name	Project	Due Date	Description
<input type="checkbox"/>	Train the Trainers	Train Developers	29-12월-2019
<input checked="" type="checkbox"/>	All Developers Trained	Train Developers	02-1월 -2020
<input type="checkbox"/>	Move Data Structures	Migrate Legacy Applications	08-3월 -2020
<input type="checkbox"/>	Redevelop HR Applications	Migrate Legacy Applications	16-3월 -2020
<input type="checkbox"/>	Redevelop Project Tracking Applications	Migrate Legacy Applications	22-3월 -2020
<input type="checkbox"/>	Define Requirements	Develop Partner Portal POC	25-3월 -2020
<input type="checkbox"/>	Build Proof-of-Concept	Develop Partner Portal POC	01-4월 -2020
<input type="checkbox"/>	Define Production App Scope	Develop Production Partner Portal	02-4월 -2020
<input type="checkbox"/>	Build Phase 1 of Production Partner Portal App	Develop Production Partner Portal	09-4월 -2020
<input type="checkbox"/>	Perform Beta testing with select Partners	Develop Production Partner Portal	17-4월 -2020





# Module 08

## Improving Tasks



# Tasks Search

HOL2020-Projects-Module4

Home

Dashboard

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Tasks Search

검색...

실행

총 행 수 125

Reset

Project

Assignee

Cost

Milestone

Is Complete

Y (97)

N (28)

Project	Milestone	Name	Description	Start	End	Is
Configure Web Environment		Identify Server Requirements	Determine which databases will be used to install Web development tool for Development QA, and Production. Also specify which Web Listeners will be used for the three environments.			
			Install the latest version of Web development tool.			

HOL2020-Projects-Module8

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검색...

실행

총 행 수 125

Reset

Project

Milestone

Assignee

Is Complete

- 선택 -

Cost

Project	Milestone	Name	Assignee	Start Date	End Date	Cost	Is Complete
			Tameka Hall	19-12 월-2019	20-12 월-2019	2,000	Yes
Configure Web Environment		Install Web development tool	Mei Yu	21-12 월-2019	21-12 월-2019	1,000	Yes
Configure Web Environment		Configure Web Listeners	Harold Youngblood	21-12 월-2019	21-12 월-2019	500	Yes
Configure Web Environment		Configure Web development tool Instance Administration Settings	Bernard Jackman	22-12 월-2019	22-12 월-2019	500	Yes
Configure Web Environment		Define Workspaces	Mei Yu	23-12	23-12	500	Yes

Check box -> Select List 변경



# Tasks Report

HOL2020-Projects-Module4

Home

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Tasks Report

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Administration

Tasks Report

Q

실행

작업

Reset

Create

	Project	Milestone	Name	Description	Assignee	Start Date	End Date	Cost	Is Complete
	Configure Web Environment		Configure Web development tool Instance Administration Settings	Set the appropriate security and configuration settings for the development instance using specified tools. Also set instance settings for QA and Production using the available APIs.	Bernard Jackman	22-12월-2019	22-12월-2019	500	Y
	Configure Web Environment		Configure Web Listeners	Configure the three Web Listeners for Web development tool to support the Dev, QA, and Prod environments.	Harold Youngblood	21-12월-2019	21-12월-2019	500	Y
	Configure Web Environment		Install Web development tool	Install the latest version of Web development tool from the vendor into the databases for Development, QA, and Production. Note: For QA and Production, Web development tool should be configured as "run time" only.	Mei Yu	21-12월-2019			
	Configure Web Environment		Identify Server Requirements	Determine which databases will be used to install Web development tool for Development, QA, and Production. Also specify which Web Listeners will be used for	Tameka Hall	19-12월-2019			



HOL2020-Projects-Module8

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Tasks Report

Q

실행

작업

Reset

Create

	Project	Milestone	Name	Description	Assignee	Start Date	End Date	Cost	Is Complete
	Configure Web Environment		Configure Web development tool Instance Administration Settings	Set the appropriate security and configuration settings for the development instance using specified tools. Also set instance settings for QA and Production using the available APIs.	Bernard Jackman	22-12월-2019	22-12월-2019	500	Yes
	Configure Web Environment		Configure Web Listeners	Configure the three Web Listeners for Web development tool to support the Dev, QA, and Prod environments.	Harold Youngblood	21-12월-2019	21-12월-2019	500	Yes
	Configure Web Environment		Install Web development tool	Install the latest version of Web development tool from the vendor into the databases for Development, QA, and Production. Note: For QA and Production, Web development tool should be configured as "run time" only.	Mei Yu	21-12월-2019	21-12월-2019	1,000	Yes
	Configure Web		Identify Server	Determine which databases will be used to install Web development tool for Development, QA, and Production. Also	Tameka Hall	19-12월-2019	20-12월-2019	2,000	Yes

# Tasks Calendar

HOL2020-Projects-Module8

수정 품 추가 및 Refresh

홈

Dashboard

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Tasks Report

Tasks Calendar

Administration

Tasks Calendar

◀ ▶ 오늘

일	29					
Design first-cut of main Partner Portal app						
Develop Admin Screens for Partner Portal						
	5					
Refine Admin Screens for Partner Portal						
Populate Data Structures for Production Partner Portal						
Design production screens for main Partner Portal app						
	12					
Monitor Partners						
	19					
Add missing feature						
Improve existing feature						
	26					
Add missing feature functions						

Project Task

Project

Develop Partner Portal POC

Milestone

Build Proof-of-Concept

Name

Design first-cut of main Partner Portal app

Description

Implement the major functional areas and ensure navigation between pages is working correctly.

Assignee

Madison Smith

Start Date

26-3월 -2020

End Date

30-3월 -2020

Cost

0

Is Complete

☐

Cancel

Delete

Apply Changes

2

3

4

Refine Admin Screens for Partner Portal

Populate Data Structures for Production Partner Portal

9

10

11

Train Partners

Monitor Partners

16

17

18

Review Beta Feedback from Partners

23

24

25

30

1

2



# Thank you

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