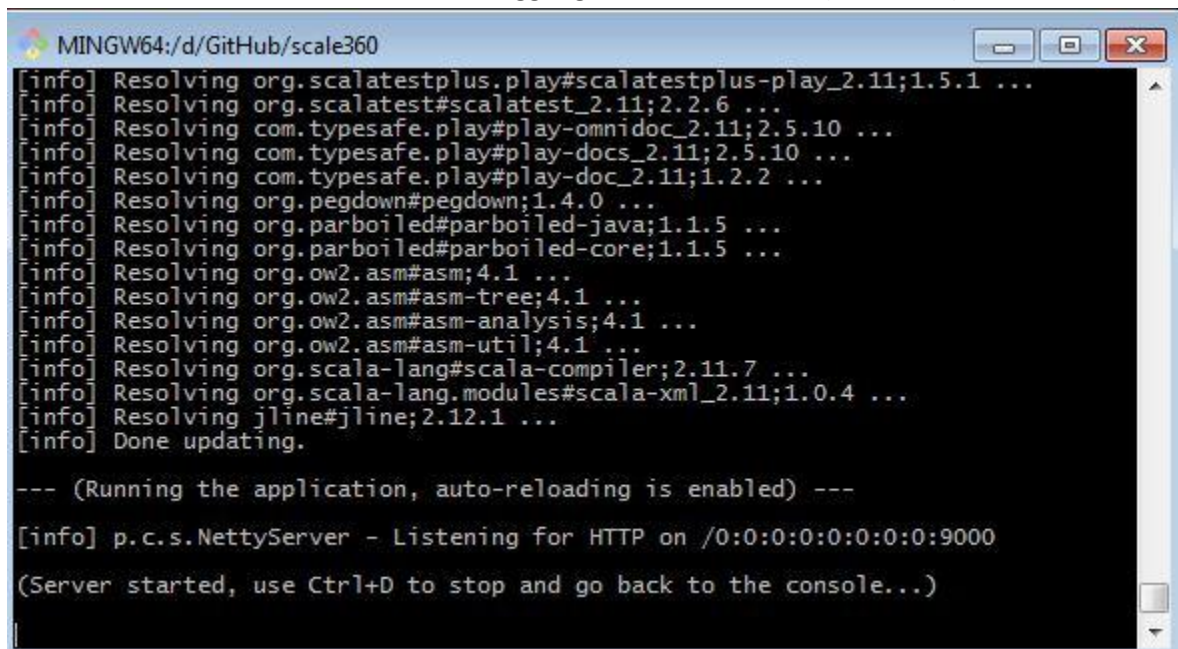


Instruction

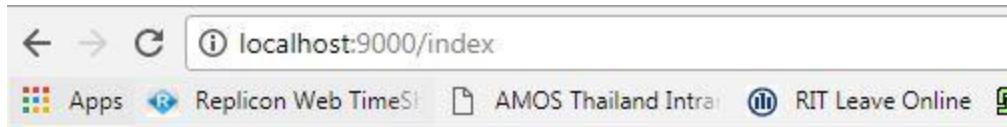
1. Install sbt.msi and extract typesafe-activator-1.3.12.zip(<http://www.scala-sbt.org/download.html>) then extract typesafe-activator-1.3.12.zip(<https://www.lightbend.com/activator/download>) go to activator-dist-1.3.12->bin run the activator.bat and activator-dist.bat and set system variable on windows named "PATH" point to bin folder of each to be able to run the command sbt and activator on command line(sbt.bin is at C:\Program Files (x86)\sbt)
2. Open command line interface(cmd or gitbash) and go to project directory run command "sbt clean compile" and if you want to create eclipse project run "sbt eclipse" then you can import existing project from eclipse IDE to view the source code
3. Install swagger ui plugin to your browser such as Chrome you can add it by clicking on the top-right corner of the browser screen and selecting more tools->extensions, at the bottom of the screen click Get more extensions and search for swagger ui then install it on chrome
4. Open terminal(Command line interface) like cmd or gitbash in windows inside project path
5. Run command => activator run, the application will be run at localhost:9000
6. Let's play the application by opening web browser and go to url <http://localhost:9000/index>, you can see step to play the application below.
7. You also can see the API Document and test calling APIs by swagger ui pointing to file <http://localhost:9000/assets/swagger/swagger.json> and call the APIs directly or execute the curl command to fire the API from the swagger generated command(see below).



```
MINGW64:/d/GitHub/scale360
[info] Resolving org.scalatestplus.play#scalatestplus-play_2.11;1.5.1 ...
[info] Resolving org.scalatest#scalatest_2.11;2.2.6 ...
[info] Resolving com.typesafe.play#play-omnidoc_2.11;2.5.10 ...
[info] Resolving com.typesafe.play#play-docs_2.11;2.5.10 ...
[info] Resolving com.typesafe.play#play-doc_2.11;1.2.2 ...
[info] Resolving org.pegdown#pegdown;1.4.0 ...
[info] Resolving org.parboiled#parboiled-java;1.1.5 ...
[info] Resolving org.parboiled#parboiled-core;1.1.5 ...
[info] Resolving org.ow2.asm#asm;4.1 ...
[info] Resolving org.ow2.asm#asm-tree;4.1 ...
[info] Resolving org.ow2.asm#asm-analysis;4.1 ...
[info] Resolving org.ow2.asm#asm-util;4.1 ...
[info] Resolving org.scala-lang#scala-compiler;2.11.7 ...
[info] Resolving org.scala-lang.modules#scala-xml_2.11;1.0.4 ...
[info] Resolving jline#jline;2.12.1 ...
[info] Done updating.

--- (Running the application, auto-reloading is enabled) ---
[info] p.c.s.NettyServer - Listening for HTTP on /0:0:0:0:0:0:0:9000
(Server started, use Ctrl+D to stop and go back to the console...)
```

Run command "activator run"



TODO LIST

- subject : TestSubject , detail : TestDetail , status : Pending

Select Delete Edit Status ☐ Pending ☐ Done

Subject

Detail

Status ☒ Pending ☐ Done

Add task

Go to url “localhost:9000/index” on browser. You can add a task by submitting the form, subject, detail and status required. Then, you also can select, edit(update), delete individual task by clicking the button below the task. The last one you are capable to change or update only the status of the task by choosing the radio button below the task.

Subject

Detail

Status ☒ Pending ☐ Done

Update task

The edit(update page) will be shown after clicking Edit button.



SELECTED TODO

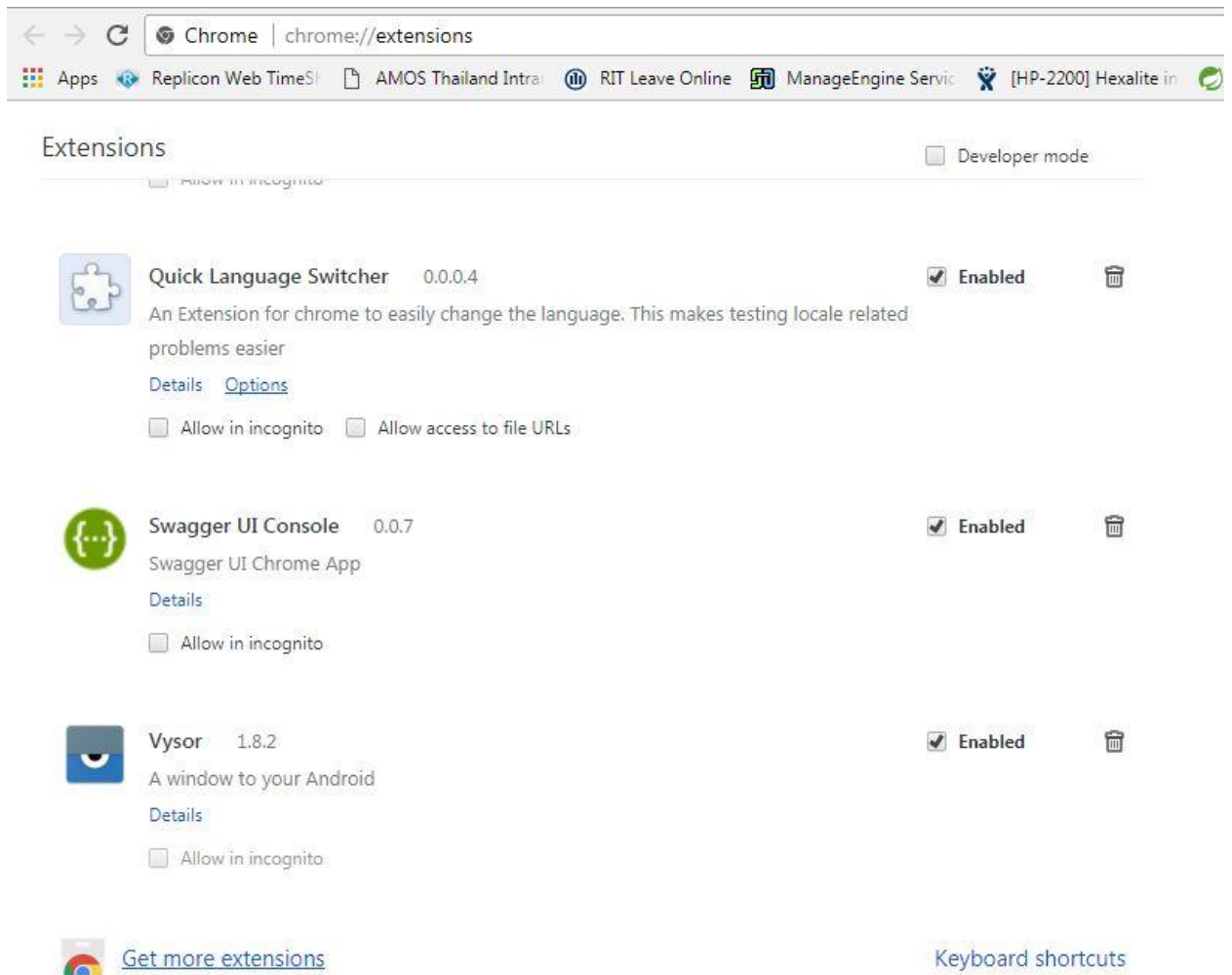
Subject : TestSubject , Detail : TestDetail , Status : Pending

[Back to index page](#)

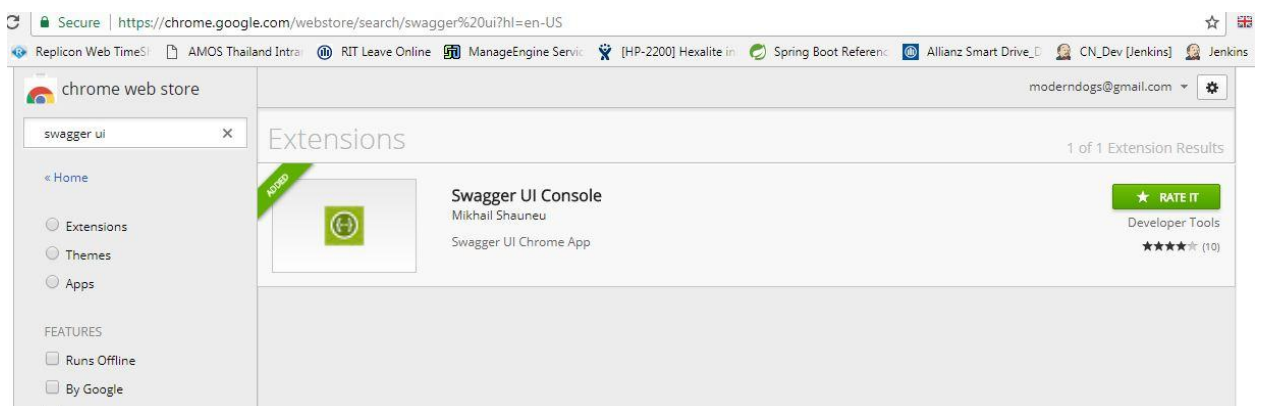
The select page will be shown after clicking select button. The chosen task will be shown on the page.



The picture shows the button of Chrome browser that navigates to install the swagger ui plugin which is capable to show the API document.



Click Get more extension link to get the swagger ui.



On the input text of the left hand side search for swagger ui and click install.



After installation click above button on chrome to open swagger ui.



Type the url above and click explore to show the ui generated document.



TODO LIST

Scale 360 API Document

[Contact the developer](#)

Task API : Everything about your to do list

Show/Hide | List Operations | Expand Operations

POST	/task	Add a new task to to do list
DELETE	/task/{id}	Delete the id-specific task
GET	/task/{id}	Get the id-specific task
PUT	/task/{id}	Update the id-specific task
GET	/tasks	Get all task list
PUT	/task/{id}/updateStatus	Update the status of the id-specific task

[BASE URL: , API VERSION: 1.0.0]

You can expand each API to see the detail.

Task API : Everything about your to do list

Show/Hide | List Operations | Expand Operations

POST /task Add a new task to to do list

Parameters

Parameter	Value	Description	Parameter Type	Data Type
subject	<input type="text" value="Test2"/>	Subject of an added task	formData	string
detail	<input type="text" value="Test2"/>	Detail of an added task	formData	string
status	<input type="text" value="Pending"/>	Status of an added task, Pending or Done	formData	string

Response Messages

HTTP Status Code	Reason	Response Model	Headers
201	Created		
400	Cannot map form data to object task, or status is not Pending nor Done		

Try it out! [Hide Response](#)

Curl

```
curl -X POST --header 'Content-Type: application/x-www-form-urlencoded' --header 'Accept: application/json' -d 'subject=Test2&detail=Test2&status=Pending'
```

Request URL

```
http://localhost:9000/task
```

Try it out! [Hide Response](#)

Curl

```
curl -X POST --header 'Content-Type: application/x-www-form-urlencoded' --header 'Accept: application/json' -d 'subject=asd&detail=asd&status=Pending'
```

Request URL

```
http://localhost:9000/task
```

Response Body

```
no content
```

Response Code

```
201
```

You can try inserting each required parameter then click “Try it out”, the API will be fired. Then, you can see the response code and/or response body; or you can copy the curl command to fire the API using command line interface.

Note. You can see the ID of task using API GET /tasks below.

GET /tasks Get all task list