MIR Lab
Mobile Intelligence & Routing

Auto Marking Program Guideline

OpenFlow-server Test

How to test ?

Step 1. Enter 166.104.143.225/index.html in URL of your web browser.

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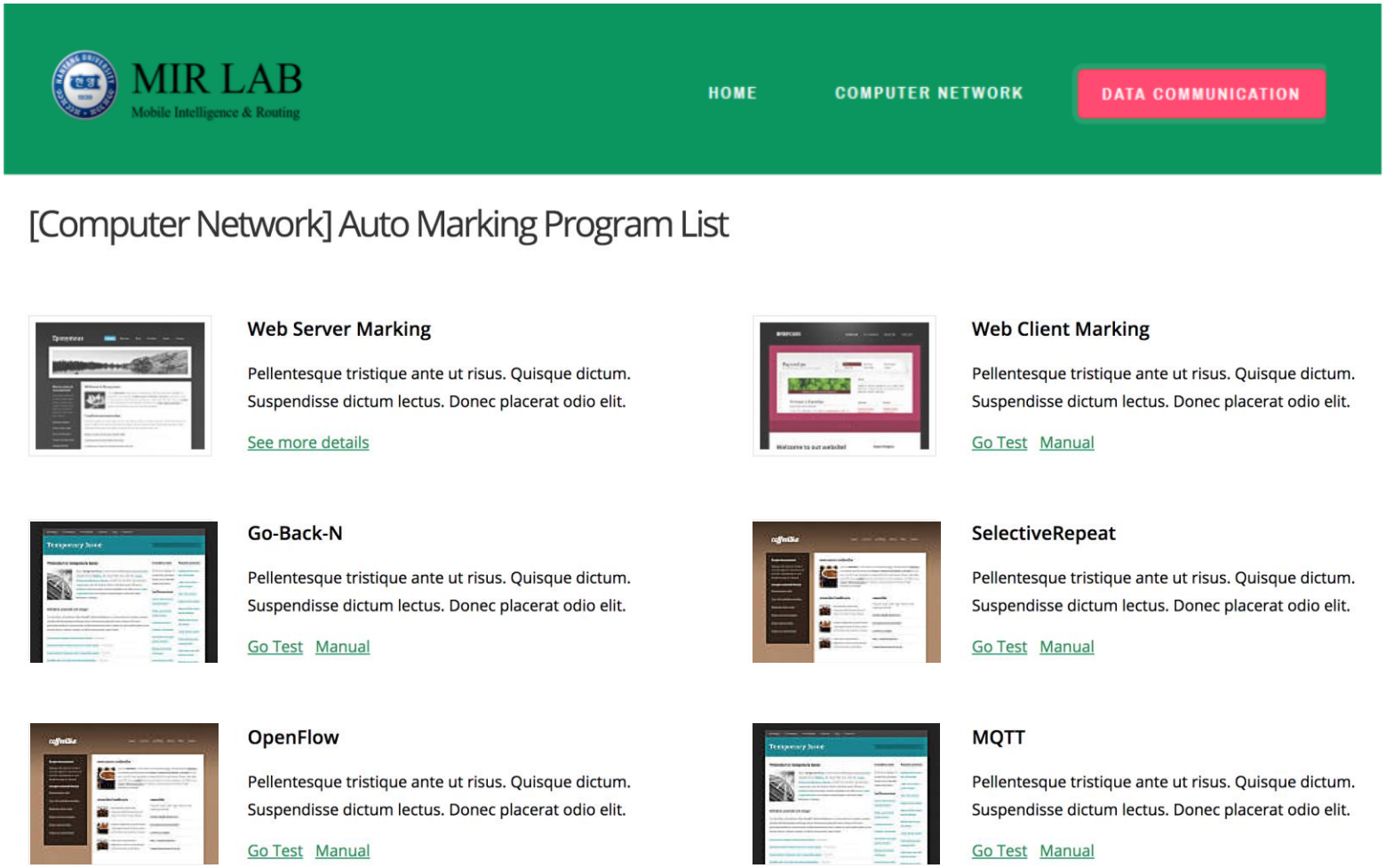

Step 2. Input your information on blank

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Step1. Type your profile and OpenFlow Server Information in English

You can see a information about port, tou have to use this port number on your server program to setting for send to marking server

Before click the submit button, you have to run your server and client.

***Access Information**

***Before click 'SUBMIT', you have to excute server that you made**

***Don't forget port number that we gave you**

Date	Time	Your IP	OpenFlow Server
2018.9.5	4:56	127.0.0.1	49755

***Student Information that you should type**

Student Name	Student Number	Student IP	Student Port

Fill out your information on blank

Ready to start your program marking?

SUBMIT RESET

Step 3. Connect your client to server of auto-Marking

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Step2. Access your Openflow Server to the below address OpenFlow(Server)

***Your Information**

Student Name	Student Number	Client IP	Client Port
LEE	2018117148	127.0.0.1	3000

Try to Connect auto marking Server Using Your Client
IP :/127.0.0.1Port:49755
Port :

Mission 1: Set Ip that connect your OpenFlow-Server
Mission 2: You have to exactly response about request from Agent
Mission 2: You have to exactly send flow of openflow

*******Socket will be living for 10minutes! *******
*******After 25 second, automatically you can see a result*******

After 25 seconds, it will show the result automatically.

In Step 3, the student tries to connect to the server of the automatic scoring program

You should send the correct response for the message sent from the server.

You must follow the flow order of Openflow message.

Ready to start

Step 4. Check your result

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You can see the implementation results between the client and the server and see the reason of fail.

Openflow test
From Mission1 to Mission7 is essential Requirements

Mission Index	Result	Comment
Mission 1: Response from client about 'HELLO' message from server	true	
Mission2: Response from client about 'FEATURES_REPLY' message from server	false	You have to send message about message(FEATURE_REQUEST) that from server
Mission3: Response from client about 'STATS_REPLY' message from server	false	You have to send message about message(MULTI_PART_REQUEST) that from server
Mission4: Response from client about 'GET_CONFIG_REPLY' message from server	false	You have to send message about message(GET_CONFIG_REQ) that from server
Mission5: Response from client about 'BARRIER_REPLY' message from server	false	You have to send message about message(BARRIER_REQ) that from server
Mission6: Response from client about 'STATS_REPLY2' message from server	false	You have to send message about message(MULTI_PART_REQ) that from server
Mission7: Response from client about 'ROLE_REPLY' message from server	false	You have to send message about message(ROEL_REQUEST) that from server
Mission4: Response from client about 'PACKET_IN' message from server	false	You have to send message about message(PACKET_IN) that from server