

Instruction Manual – Team #11 – With You Project

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- **Notices:**

- 1) Vertical and Horizontal orientation are working although they were not mentioned in the presentation.
- 2) The payment actually works, the deposit account can be changed. If you test it, it will actually withdraw money from your bank account.
- 3) If you have any difficulties I have uploaded the videos for demonstration here:
https://drive.google.com/open?id=12bBrFmtzNP5R8dFNww9FmpS7NwFVDm_K
- 4) If you have any trouble while deploying the tomcat webpage please let me know (omarshakil100@gmail.com).

- **How to signup/signin:**

- Make sure you sign up as volunteer and also as a refugee (2 accounts-2 phones)

- **Notices Activity:**

- 1) The refugee first should press on “instant help”
- 2) The volunteer then can press on “ get direction”
- 3) The map will be updated with both locations.

- **Arduino Activity:**

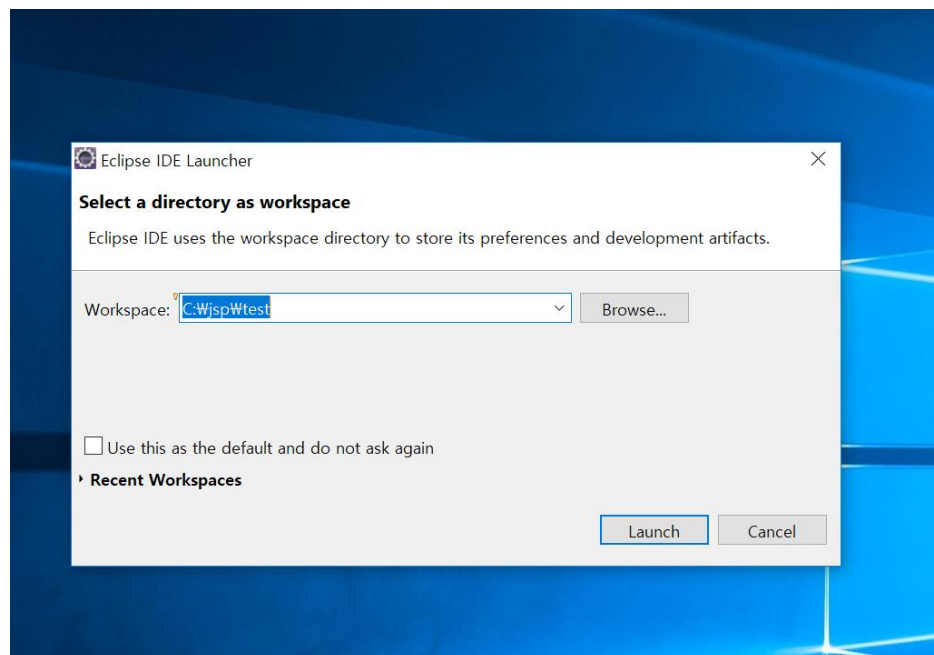
- 1) Make sure the Arduino is turned on via the battery.
- 2) When you press on connect the device will show up as the name "HC-05".
- 3) Press on "HC-05"
- 4) It will be connected
- 5) To make the buzzer ring. The data base should be updated to trigger the buzzer. So if you want to test it please let me know I can either demonstrate once again live or come to your lab. But at least the Bluetooth connection works.

- **Donation Activity:**

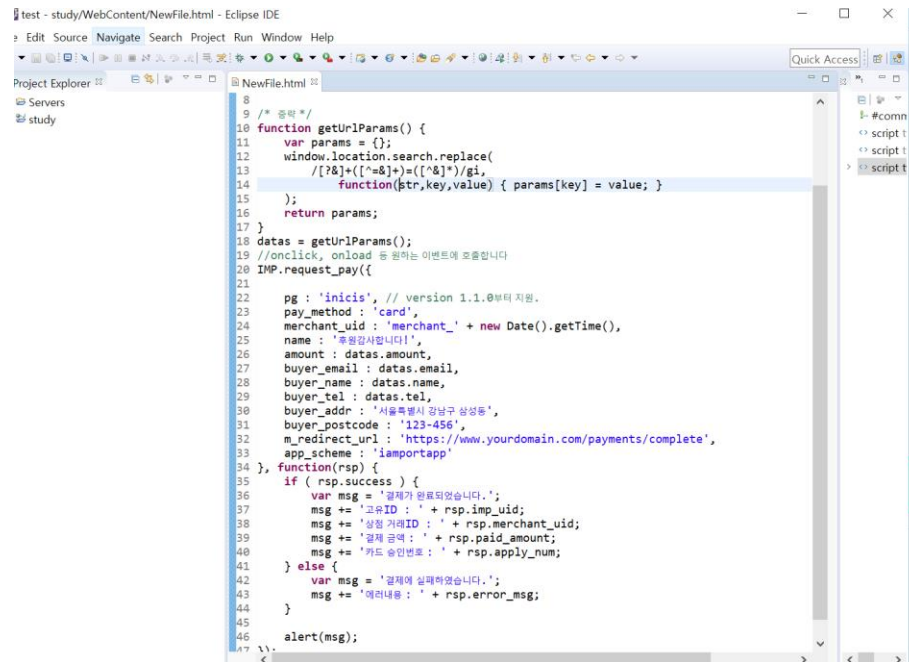
- **I suggest watching the *Volunteer* demonstration video instead of deploying the eclipse project.**

- This should be setup before the app installation.

- 1) Import the eclipse project "test" in eclipse.



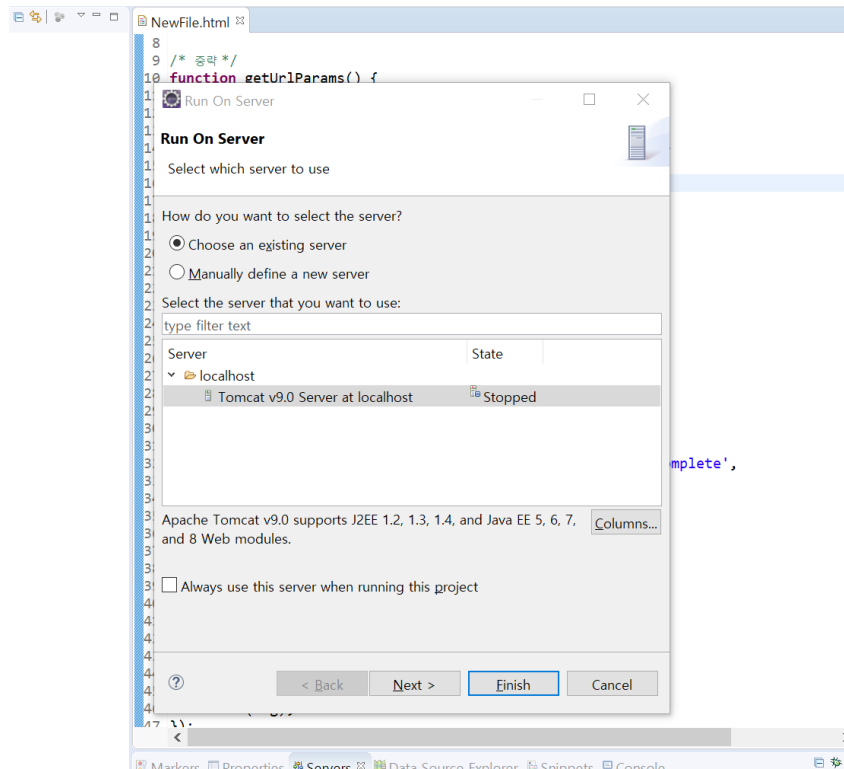
2) Execute the newFile.html



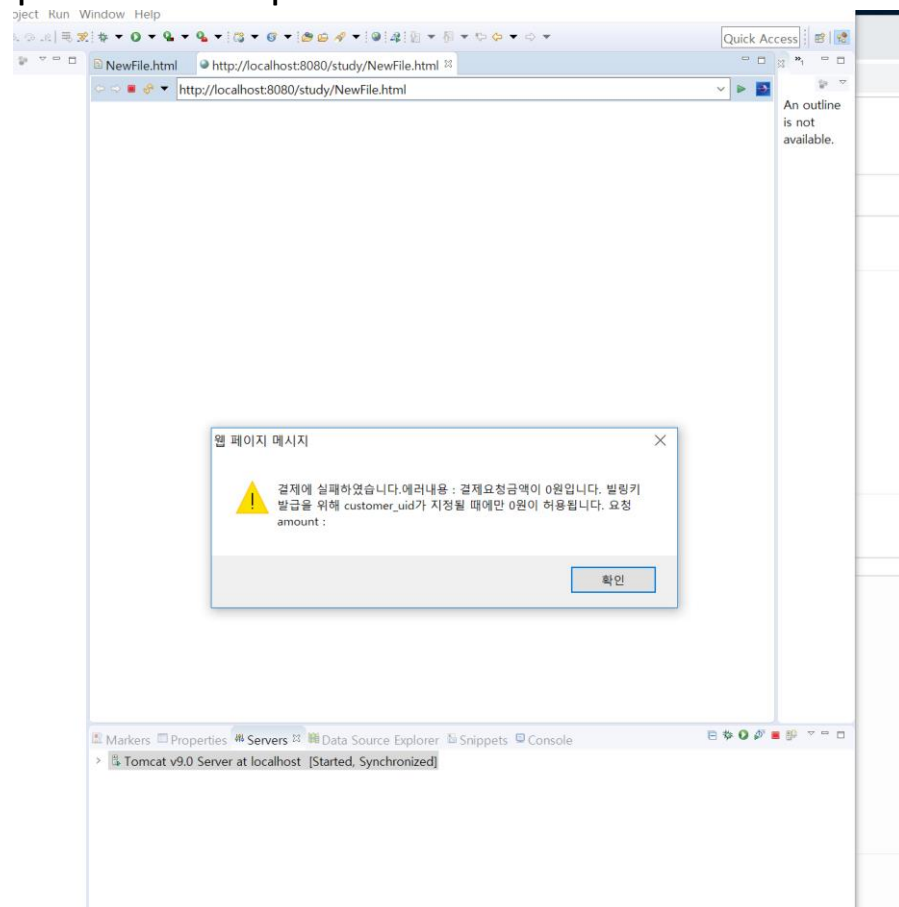
The screenshot shows the Eclipse IDE with the file 'NewFile.html' open. The code is a JavaScript file that defines a function 'getUrlParams()' to parse query parameters from the URL. It then uses this function to populate a 'datas' object with various payment-related data. The code includes comments in Korean and an 'alert(msg)' at the end to display the results.

```
8
9 /* 중략 */
10 function getUrlParams() {
11     var params = {};
12     window.location.search.replace(
13         /[?&]+(?:[~&]+)=([~&]*)/gi,
14         function(str,key,value) { params[key] = value; }
15     );
16     return params;
17 }
18 datas = getUrlParams();
19 //onclick, onload 등 원하는 이벤트에 호출합니다
20 IMP.request_pay({
21
22     pg : 'inicis', // version 1.1.0부터 지원.
23     pay_method : 'card',
24     merchant_uid : 'merchant_' + new Date().getTime(),
25     name : '후원감사합니다!',
26     amount : datas.amount,
27     buyer_email : datas.email,
28     buyer_name : datas.name,
29     buyer_tel : datas.tel,
30     buyer_addr : '서울특별시 강남구 삼성동',
31     buyer_postcode : '123-456',
32     m_redirect_url : 'https://www.yourdomain.com/payments/complete',
33     app_scheme : 'iamportapp'
34 }, function(rsp) {
35     if ( rsp.success ) {
36         var msg = '결제가 완료되었습니다.';
37         msg += '고유ID : ' + rsp.imp_uid;
38         msg += '상점 거래ID : ' + rsp.merchant_uid;
39         msg += '결제 금액 : ' + rsp.paid_amount;
40         msg += '카드 승인번호 : ' + rsp.apply_num;
41     } else {
42         var msg = '결제에 실패하였습니다.';
43         msg += '에러내용 : ' + rsp.error_msg;
44     }
45     alert(msg);
46 }
47
```

3) Press ctrl+f11+ finish



4) Complete server open



5) Turn on the app's hotspot function and connect it to the laptop (open location of the Eclipse server).

6) Perform an ip address search in the cmd window of the laptop.

```
기본 게이트웨이 . . . . . :
이더넷 어댑터 VMware Network Adapter VMnet8:

연결별 DNS 접미사. . . . . :
링크-로컬 IPv6 주소 . . . . . : fe80::fdb2:ad47:37a6:7973%16
IPv4 주소 . . . . . : 192.168.147.1
서브넷 마스크 . . . . . : 255.255.255.0
기본 게이트웨이 . . . . . :

무선 LAN 어댑터 Wi-Fi:

연결별 DNS 접미사. . . . . :
링크-로컬 IPv6 주소 . . . . . : fe80::9853:5ad8:e4d5:5cf2%18
IPv4 주소 . . . . . : 192.168.0.16
서브넷 마스크 . . . . . : 255.255.255.0
기본 게이트웨이 . . . . . : 192.168.0.1

이더넷 어댑터 Bluetooth 네트워크 연결:

미디어 상태 . . . . . : 미디어 연결 끊김
연결별 DNS 접미사. . . . . :

C:\Users\#pc>
```

- 7) In android studio, change the ipaddress from the denation_webview class to the ipaddress of the laptop you just investigated.

8) Done

```
NoticeBoard.java × NoticeBoardRefugee.java × donate.java × donate_webview.java ×
0 public class donate_webview extends AppCompatActivity {
1
2     private WebView mainWebView;
3     private final String APP_SCHEME = "iamporkkakao://";
4
5     @Override
6     protected void onCreate(Bundle savedInstanceState) {
7         super.onCreate(savedInstanceState);
8         setContentView(R.layout.activity_donate_webview);
9
10        mainWebView = (WebView) findViewById(R.id.mainWebView);
11        mainWebView.setWebViewClient(new KakaoWebViewClient(this));
12        WebSettings settings = mainWebView.getSettings();
13        settings.setJavaScriptEnabled(true);
14        Intent intent = getIntent();
15        String url = "http://192.168.43.60:8080/study/NewFile.html?amount="+intent.getStringExtra("amount");
16        mainWebView.loadUrl(url);
17    }
18
19
20    @Override
21    protected void onNewIntent(Intent intent) {
22        super.onNewIntent(intent);
23        setIntent(intent);
24    }
25}
```