ASSEMBLY POINT

AN ACTIVITY SCHEDULE APP

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▶ Presentation Outline

▶ 1.requirement
▶ 2.background technology
▶ 3.design
▶ 4.implementation
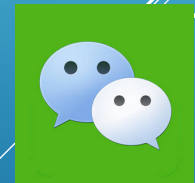
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▶ What do we already have now

▶ 1.facebook event
▶ 2.tripadvisor
▶ 3.momo surround activity
▶ 4.weichat chat room

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▶ Requirement:

▶ 1.Create an activity
▶ 2.send invite to your friends
▶ 3.collect the feedback
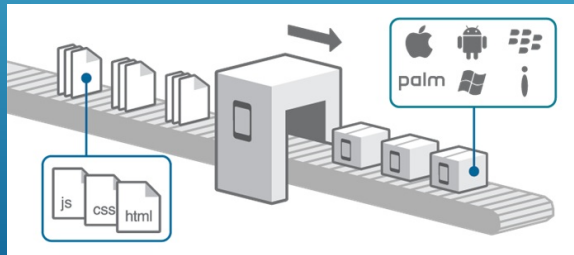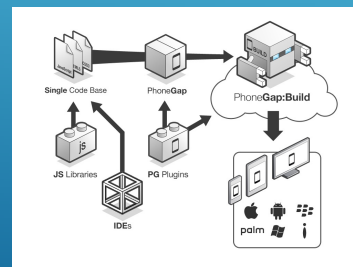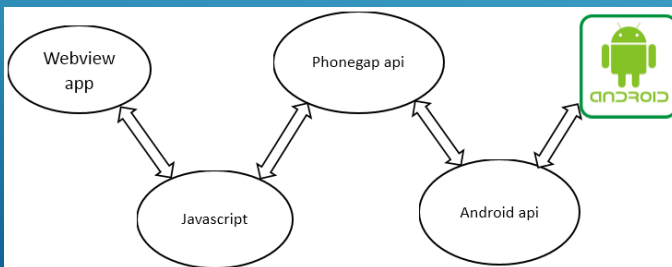▶ 4.surrounded information
▶ 5.next activity

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▶Background technology

▶ PhoneGap:

▶ JavaScript, HTML, CSS, jQuery Mobile (Client side)

▶ PHP (Server side)

▶ MySQL (DataBase)

▶ Android

▶ WebBroswer

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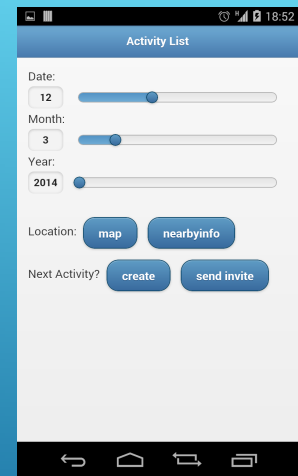---

▶PhoneGap

▶JavaScript, HTML, CSS

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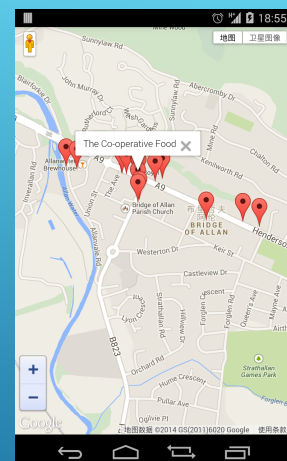▶Design:

▶1.registered a membership

▶2.set the date & assembly point(the beginning point) of an activity

▶3.send the invite to friends

▶4.others give a vote of feedback

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▶5.nearby information

▶6.next schedule

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▶ Implementation

▶ Database:

▶ Store and read the user info, activity number, activity date& location, surround information list, each activity's votes

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▶ Server:

▶ Use php to achieve mainly two functions, get and post.

▶ 5 php files to detail with registered/login, activity list, date & location, vote, surround information correspondly.

▶ Get the data (user name, date, location, surround info, etc)from the application with the JSON data type, and then transmit it to the database

▶ Read the data from database and then transform them in to JSON type and send it to the application.

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▶ Application:

▶ Using html ,jquery mobile(a library of JS) and css to create the app view structure

▶ Javascript deigns the interaction with user (the logical part of app), it convert the value of textbox to JSON type and then send them to the php files on the server.

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▶ The theory of JSON and JSONP

```
Client:
<script type="text/javascript">
function test(data) {
alert(data);
}
</script>

<script type="text/javascript"
src="http://139.153.48.8/1.php?callback=test"></script>
```
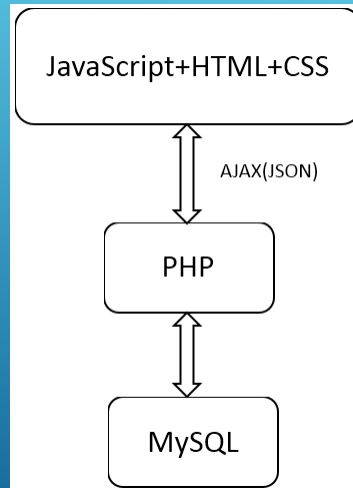
```
Server:
<?php
$fun = $_GET["callback"];
echo $fun. "('hello')";
?>
```

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▶ Architecture

JavaScript+HTML+CSS

AJAX(JSON)

PHP

MySQL

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▶ Thank you

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