Cordova App project recommendation for deploying.

Hello! Here we will tell you about how to run this project. Notice that there are three folders:

- client
- server
- mobile

You can see the *www* files of a mobile app in *client* folder. Also there is *server* that needs to be put into xampp's htdocs directory. Follow these steps to make it work.

Preparing server and usage without mobile

1. Open your Xampp's *htdocs* directory and unpack server.zip to it.
2. Start Xampp's Apache server and database.
3. Go to *localhost/phpmyadmin*.
4. Press import and choose the file *server/db/dump.sql*. Load it and execute.
5. Unpack client.zip into Xampp's *htdocs* directory too.
6. Go to the *client/js/index.js* file and:
   a. Find HOST variable.
   b. Find out your IP.
   c. Change it to **localhost**.
   d. Save the file. Make sure **HOST** variable looks like this:
   ```
   HOST = "http://192.168.0.101:80/server/";
   ```
7. Open in your browser **localhost/client**. You can see the basic functionality.

Usage with mobile

1. Unzip mobile.zip somewhere.
2. Open *mobile* directory.
3. Go to *www/js/index.js.*
4. Change **HOST** variable to the value with your IP. You and your device must be in one network. Look to the previous section 3.d. The variable should look like this.
5. Run *cordova build android* in the *mobile* folder.

6. Copy *platform/android/app/build/outputs/apk/debug/app-debug.apk* to your Android mobile device.
7. Install it. Change appropriate settings if it's not allowed to install applications from unknown source.
8. Hope you will have fun!

Troubleshooting

- **Oops:** Cordova doesn't build my app.
- **Resolution:** Try running *cordova platform add android*. It it does not help, make sure you have configured ANDROID_HOME properly. It must look like this: *C:\Users\mrexo\AppData\Local\Android\Sdk*. If nothing helps, make sure you've installed skd version 27.0.3 and agreed to licenses. If you can't do anything with it, try googling or write to me: meexox@mail.ru and show your console logs.

- **Oops:** Application doesn't do anything.
- **Resolution:** Make sure the xampp is runnings. Make sure you've loaded *db/dump.sql* file into phpmyadmin. Make sure that xampp's root's password is empty. Contact me and describe your problem if nothing helped.

Services description

The application has 4 services:

1. Retrieving posts. *localhost/server/post.php?post_id=N*. Returning a JSON, describing the post of specified id=N.

2. Retrieving comments. *localhost/server/comments.php?post_id=N*. Returnin a JSON object, describing the comments of specified post with id=N.

3. Publishing comments. *localhost/server/addcomment.php (json)*. Inserting post with data from given JSON.

4. Liking the posts. *localhost/server/like.php?post_id=N*. Updating a like column in specified post.

Comment's request json:
```
{
post_id,
text,
}
```

Post's response json:
```
{
     post_id,
     title,
     htmlText,
     likes
}
```
Comments response json:
```
[
     {
          post_id,
          commentText
     }, …
]
```
These services are used to produce switching between posts (with binded comments), uploading new comments and liking posts.

All of them are using database for saving the state. All of them return JSON as a response.