



Adapt your mobile plugins to Ionic 5

Dani Palou

Moodle Apps Developer



<https://ionicframework.com/>

Adapt your plugins

- Guide:

https://docs.moodle.org/dev/Adapt_your_Mobile_plugins_to_Ionic_5

- Forum:

<https://moodle.org/mod/forum/discuss.php?d=420585>

When?

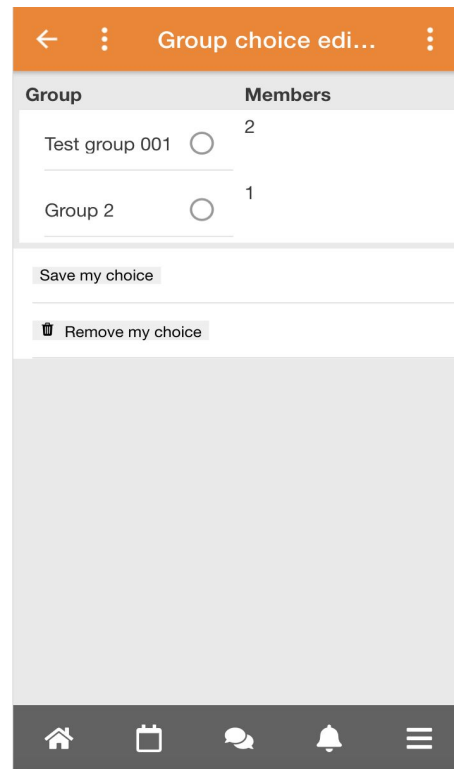
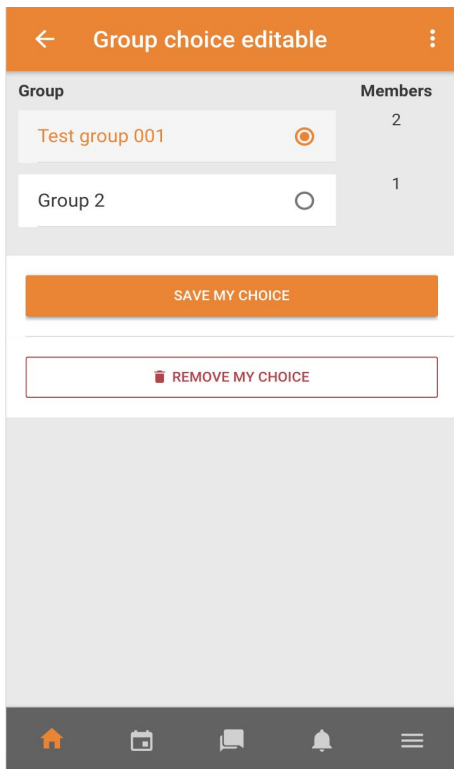
- End of June.

How can I test my plugin?

<https://ionic5.apps.moodledemo.net/>

<https://github.com/moodlehq/moodleapp/tree/ionic5>

Choicegroup plugin



Supporting both Ionic 3 and Ionic 5

myplugin/classes/output/mobile.php:

```
public static function mobile_course_view($args) {
    $args = (object) $args;
    $foldername = $args->appversioncode >= 3950 ? 'latest' : 'ionic3';

    return [
        'templates' => [
            [
                'id' => 'main',
                'html' =>
                $OUTPUT->render_from_template("myplugin/mobile_view_page_{$foldername}"),
            ],
        ],
    ],
}
```

Adapt choicegroup template

```
<core-navbar-buttons end>
```

```
<core-navbar-buttons slot="end">
```


Adapt choicegroup template

```
<ion-card *ngIf="hasOffline" icon-start>
  <ion-icon name="warning"></ion-icon>
  {{ 'core.hasdatatosync' | translate:{$a: moduleName} }}
</ion-card>
```

```
<ion-card *ngIf="hasOffline">
  <ion-item>
    <ion-icon name="warning" slot="start"></ion-icon>
    <ion-label>{{ 'core.hasdatatosync' | translate:{$a: moduleName}
  }}</ion-label>
  </ion-item>
</ion-card>
```

Adapt choicegroup template

```
<ion-col class="bold" col-3 justify-content-center align-items-center text-center>
```

```
<ion-col size="3" class="bold ion-justify-content-center ion-align-items-center ion-text-center">
```

Adapt choicegroup template

```
<ion-list radio-group ...>
```

```
<ion-list>  
  <ion-radio-group ...>
```

Adapt choicegroup template

```
<ion-item>  
  <button ion-button block type="submit" (click)="submitResponses()">
```

```
<ion-button class="ion-margin" expand="block" type="submit"  
(click)="submitResponses()">
```

Using ES6

- const and let
- Classes
- Arrow functions
- String interpolation
- Array destructuring
- Etc.

Using ES6: Classes

Before:

```
function AddonModChoiceGroupLinkHandler() {
    that.CoreContentLinksModuleIndexHandler.call(this, that.CoreCourseHelperProvider,
    'AddonModChoiceGroup', 'choicegroup');

    this.name = "AddonModChoiceGroupLinkHandler";
}

AddonModChoiceGroupLinkHandler.prototype =
Object.create(that.CoreContentLinksModuleIndexHandler.prototype);

AddonModChoiceGroupLinkHandler.prototype.constructor = AddonModChoiceGroupLinkHandler;
```

Using ES6: Classes

Now:

```
class AddonModChoiceGroupLinkHandler extends this.CoreContentLinksModuleIndexHandler {  
    constructor() {  
        super('AddonModChoiceGroup', 'choicegroup');  
  
        this.name = 'AddonModChoiceGroupLinkHandler';  
    }  
}
```

Choicegroup plugin: result

