Gallery Application Development Report

Inhoud

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# 

# Introduction

In this project I transformed my Ionic project too an electron application.

# Steps Followed

1. Copy the ionic project too a different folder

2. npm install -g electron

3. npm install electron

4. npm install electron-packager --save-dev

5. mkdir electronmain

6. cd electronmain

7. npm init

8. Create index.js and preload.js files

9. In index.js, change mainWindow.loadFile('../www/index.html') too mainWindow.loadFile('./www/index.html')

10. cd ../

11. ionic cap copy

12. Go to package.json file in root dir and put this "main": "./electronmain/index.js" underneath homepage

13. Zet dit in package.json bij scripts "electron": "electron .", "electron-build": "ng build && electron ."

14. Run met npm run electron-build

# Theory Lesson Link

I followed the introduction and Security lesson:  
[🕮 Theory: Cross Development: Theory (YT6294 | 2023) (instructure.com)](https://thomasmore.instructure.com/courses/33120/pages/theory?module_item_id=2097391)

I also followed the security guide from Electron:  
[Security | Electron (electronjs.org)](https://www.electronjs.org/docs/latest/tutorial/security)

# Screenshots

## Home page:

Afbeelding met tekst, schermopname, software, multimedia

Automatisch gegenereerde beschrijving

Afbeelding met tekst, software, schermopname, multimedia

Automatisch gegenereerde beschrijving

When I press on the Add the gallery button, the photo is added to the gallery page.

## Gallery page:

Afbeelding met elektronica, tekst, schermopname, multimedia

Automatisch gegenereerde beschrijving

I can add more photos to the gallery ofcourse. If I do that they are shown like this:

Afbeelding met tekst, schermopname, multimedia, software

Automatisch gegenereerde beschrijving

As you can see I also implemented a Update and delete button too every photo. I can update the image and caption with the update button and delete the entire photo with the delete button.

## Update button:

Afbeelding met schermopname, tekst, computer, software

Automatisch gegenereerde beschrijving

For the update button the page should display the update-photo page, but fors ome reason the ionic layout / components don’t render. The only thing thats shown is the text I used on the page.

## Delete button: Afbeelding met tekst, schermopname, software, multimedia Automatisch gegenereerde beschrijving

Afbeelding met tekst, schermopname, software, Multimediasoftware

Automatisch gegenereerde beschrijving

As you can see the delete button works with a confirmation so the photo doesn’t get deleted instantly.

## About page:

Afbeelding met tekst, schermopname, software, Multimediasoftware

Automatisch gegenereerde beschrijving

Afbeelding met tekst, schermopname, software, Multimediasoftware

Automatisch gegenereerde beschrijving

The user can enter his/her name and feedback. They can only submit the feedback if they filled out the required fields correctly.

# Conclusion

# Platform Testing and Comparison

# Final Thoughts