



Web Dev II Module Introduction

HDip in Computer Science

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Glitch is the friendly place
where everyone builds
web. Start a new blog,
with React, or build new
worlds with WebXR.



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an Oirdheiscirt

South East
Technological
University

Workshop Two



Introducing semester 2

Web Development 2



git · javascript · glitch · api ·
node · json · express

Database



entities · tables · rows · sql
· er · nosql

Semester 2 Schedule




timetables · semester
calendars · assessment
schedules




Semester 1
2024

Programming



algorithms · data
structures · processing ·
java · classes · libraries

Web Development I



html · css · layout · web
apps · web frameworks ·
deployment


Web Development II



Javascript · node · express
· git · github · glitch


		S	M	T	W	T	F	S
January	Week	1	1	2	3	4	5	6
		7	8	9	10	11	12	
	1	14	15	16	17	18	19	20
February	2	21	22	23	24	25	26	27
	3	28	29	30	31	1	2	3
	reading	4	5	6	7	8	9	10
March	4	11	12	13	14	15	16	17
	5	18	19	20	21	22	23	24
	reading	25	26	27	28	29	1	2
April	6	3	4	5	6	7	8	9
	7	10	11	12	13	14	15	16
	8	17	18	19	20	21	22	23
May	Easter 1	24	25	26	27	28	29	30
	Easter 2	31	1	2	3	4	5	6
	9	7	8	9	10	11	12	13
June	10	14	15	16	17	18	19	20
	11	21	22	23	24	25	26	27
	12	28	29	30	1	2	3	4
July		5	6	7	8	9	10	11
		12	13	14	15	16	17	18
	13	19	20	21	22	23	24	25
	14	26	27	28	29	30	31	1
	14	2	3	4	5	6	7	8
	16	9	10	11	12	13	14	15
	17	16	17	18	19	20	21	22
		23	24	25	26	27	28	29
		30	1	2	3	4	5	6

Workshop One



induction · structure ·
schedules · handbook

Workshop Two



Introducing semester 2

A large space shuttle, Atlantis, is being transported by a massive crawler-transporter at night. The shuttle is mounted on a mobile launcher platform and is being moved along a set of tracks. The crawler-transporter is a complex structure with multiple levels and is illuminated by bright lights. The shuttle itself is white with a yellow nose cone and is also illuminated. In the background, a tall water tower is visible against the dark sky. The text "Going Server-Side!" is overlaid in the center of the image.

Going Server-Side!



Browser - Client



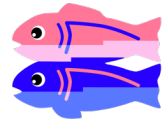
Glitch - Server

We will run JavaScript code in the cloud, using Glitch



<https://glitch.com>

Technologies



Glitch



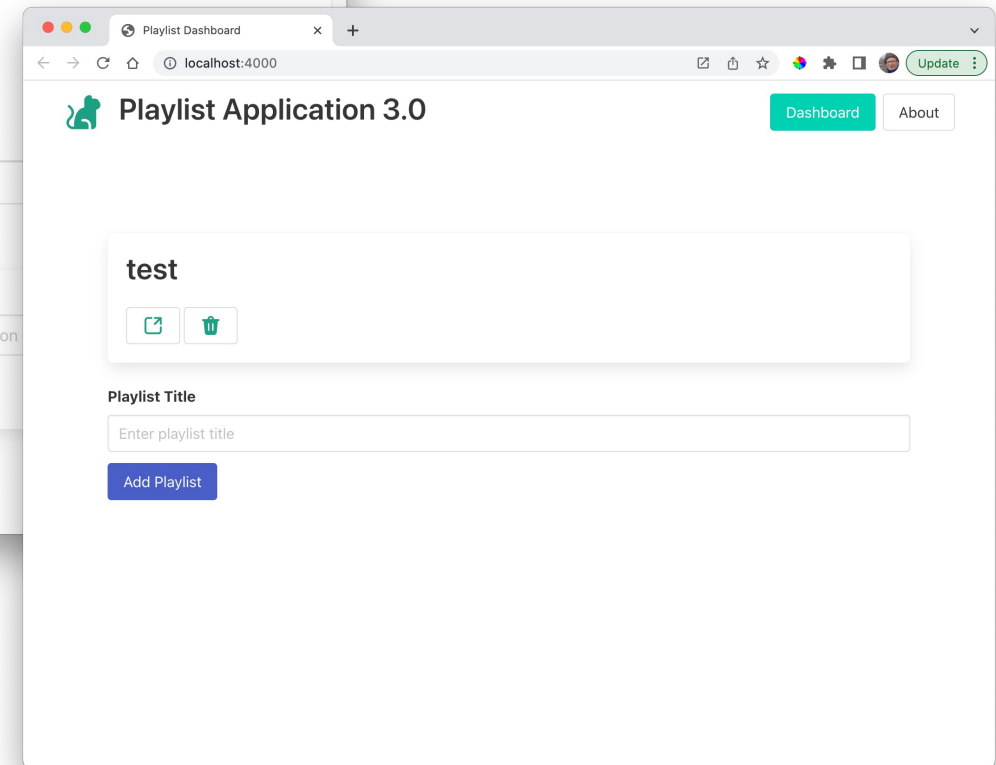
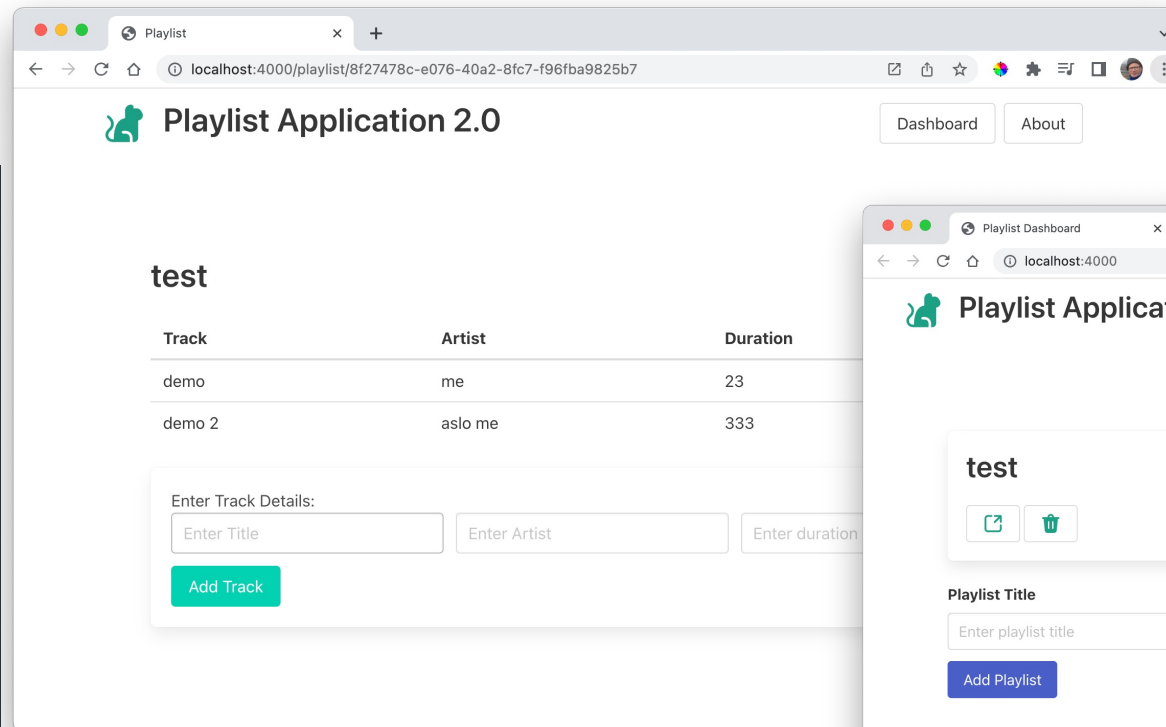
git



express

Labs – Simplified Clientside

```
<table class="table is-fullwidth">
  <thead>
    <tr>
      <th>Track</th>
      <th>Artist</th>
      <th>Duration</th>
    </tr>
  </thead>
  <tbody>
    {{#each playlist.tracks}}
    <tr>
      <td>
        {{title}}
      </td>
      <td>
        {{artist}}
      </td>
      <td>
        {{duration}}
      </td>
    </tr>
    {{/each}}
  </tbody>
</table>
```



Assignment

Simplified version of (Whether) Weather on Glitch,
with a focus on server-side code

Will be delivered ~ Week 3

Deadline will be ~ End of August

Interviews ~ September, October 2024

Official Results will be January 2025

More details when spec is delivered

