LEARNING DISABILITIES & TEACHING

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Gregynog – 2016

Contents

- This presentation will be split up into the following topics

- **What is my project?**
- **Motivations**
- **Disabilities**
- **The Application**
- **Current and Future Progress**

My Project

- Creating an VLE that can cater for students with learning disabilities.

- Project is a web application

- Using Agile development model

- Deliver content tailored for different learning disabilities

Project Aims

- To develop a system that can cater for different disabilities
- To develop an easy to use system that boasts a clear and easy to use user interface
- To develop a system where learning disabled students can interact with other students and teachers
- To provide the students with validation and acceptance of their work

Motivations

- Everyone has the right to education
- Education should be delivered in appropriate ways
- Improving quality and delivery of education to learning disabled students

“At least 1.5 million people in the UK suffer from learning disabilities” – Public Health England

Motivations

- Learning disabilities impact an individuals employment prospects
- *From 2010/2011 only 6.6% of learning disabled adults in paid employment – Public Health England*

- Improve learning disabled students prospects

Learning Disabilities

- How do disabilities effect students abilities?
- **Dyslexia:** Trouble digesting the syntax of a language
- **ADHD:** Organization and attention issues
- **Autism:** Behavioral issues, language & communication skills
- **All:** Short term memory issues

Learning disabled students are **NOT** unintelligent

- **Learning disabled posses an average IQ (90-109)**

Disabilities

Easy Read: Standardized format for UK public services

Helps mitigate language processing and attention issues

Dobson's Choice: Learning disability search engine

Disabilities

- Primary methods used to help counter effects of learning disabilities

- **Bulleted text with images**
- **Use of digital media (Images, videos & audio)**
- **Communication and contact hours**
- **Feedback & IEP (Individual Education Plans)**
- **Easy Read techniques**

The Application

- How is the application being created?

- Designed using **Axure RP** software

Created in Visual Studio 2015

- Using ASP.NET MVC5

- Programming Languages used?

CSS

HTML

C#

JQUERY

The Application

- What technical features will the application include?

- Log in and Register student and lecturer accounts
- Allow users to message each other
- Easy to follow and clear UI
- Lecturers can post content & students can view content
- Lecturer can post and grade assignments for students to take

Current Progress

- What has been created thus far?

Concrete Features

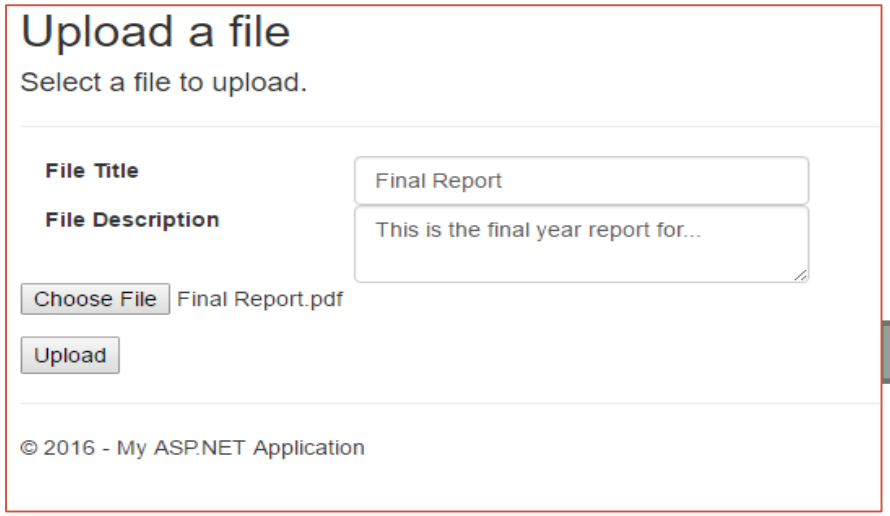
- Users can update all of their data
- User Accounts for Students and Lecturers
- Uploading of files to the system

Objectives Progress

- Objectives are on track and running according to the schedule

Name	Begin date	End date
Initial Document	26/9/16	27/10/16
First Iteration Development	27/10/16	28/11/16
First Iteration Testing	24/11/16	28/11/16
Gregynog presentation creation and practice	10/11/16	28/11/16
Review of Gregynog feedback	30/11/16	2/12/16
Review of current progress	12/12/16	12/12/16
Second/Third Iteration Development	5/12/16	10/1/17

“The first iteration is unlikely to contain many features, and its primary purpose is to serve as a body that can be built upon in further iterations”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File Description
This is the final year report for...
Choose File
Final Report.pdf
Upload
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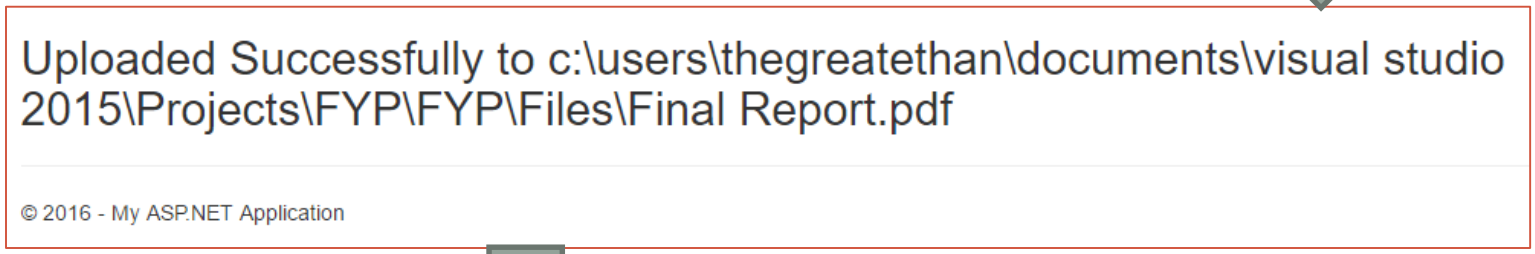
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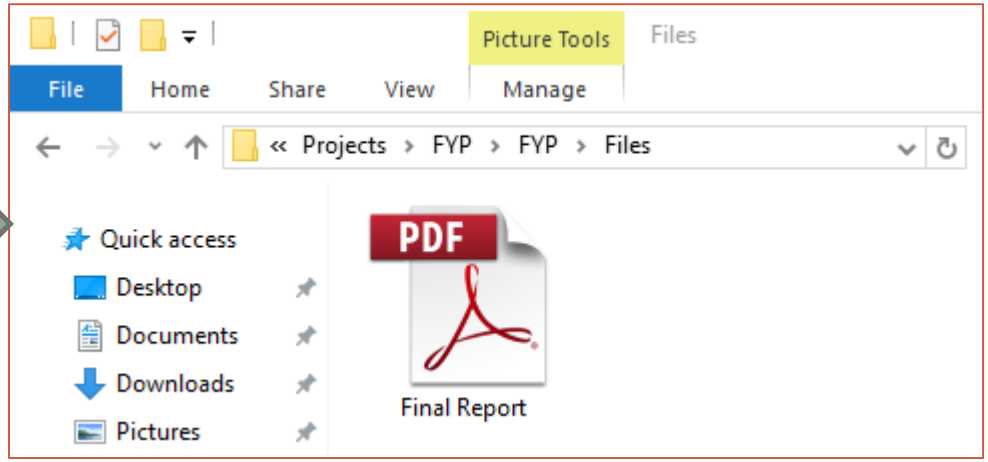
Picture Tools
Files
File
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Share
View
Manage
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Quick access
Desktop
Documents
Downloads
Pictures
PDF
Final Report

Register.

Create a new account.

Username	JohnDoe123
First Name	John
Surname	Doe
Disability	ADHD
Email	johndoe@example.com
Account Type	Student
Gender	Male
Password	•••••••••
Confirm password	•••••••••

Register

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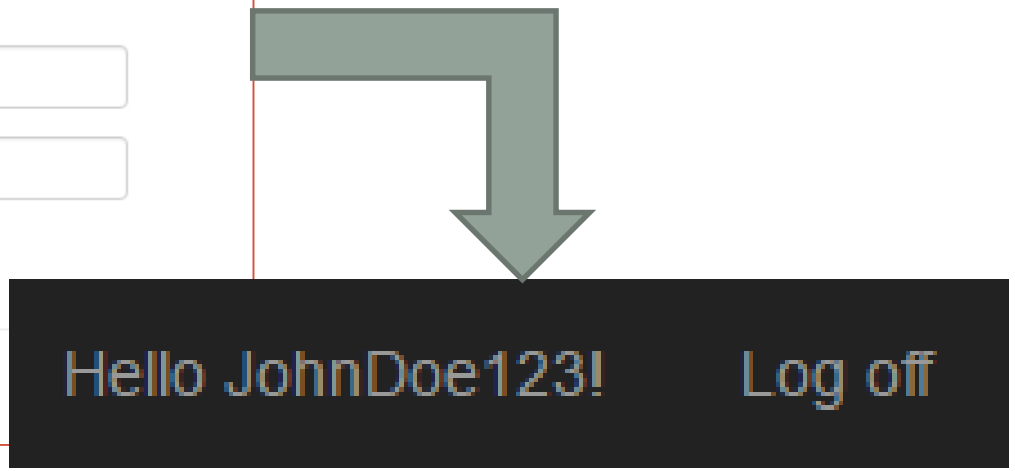
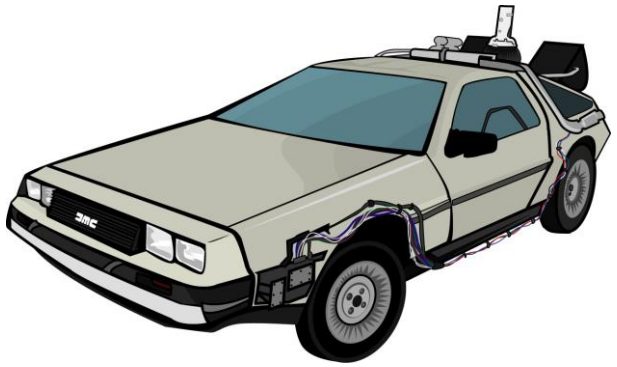


Future Progress

- This semester and beyond

Future Features

- Messaging between users
- Text size and color change options
- Inclusion of video content

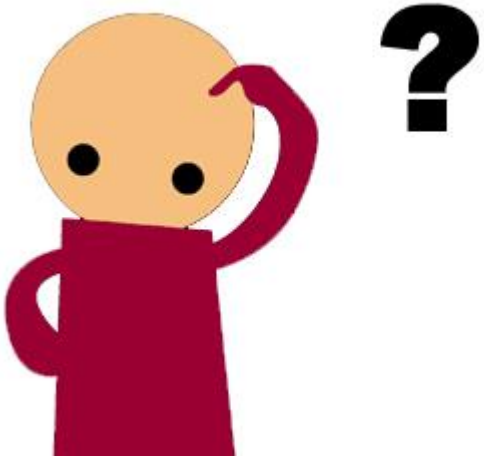


Summary

- VLE for students with learning disabilities
- Dyslexia, ADHD and Autism
- Using Easy Read techniques
- Web Application
- Currently meeting objectives and schedule

Thank you for your time and patience

Any Questions?



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