Waterford Institute of Technology

Zara Gunner <20084586@mail.wit.ie>

Fourth Year Project Proposal 2021-22
1 message

WIT Computing Department <notifications@cognitoforms.com> 19 September 2021 at 17:12
Reply-To: lbwhite@wit.ie
To: 20084586@mail.wit.ie

Dear Zara,

Thank you for submitting your abstract for inclusion in the 2021-2022 FYP Project Proposal

Kind regards,

Lucy

Entry Details

FIRST NAME	Zara
LAST NAME	Gunner
STUDENT NUMBER	20084586
EMAIL	20084586@mail.wit.ie
PROGRAMME	BSc (Hons) in Software Systems Development
PROPOSED PROJECT TITLE	Full stack Vue.js-based E-commerce site for a lighting company.
PROJECT OVERVIEW	The aim for this project is to develop a full-stack e-commerce site. This will include all front-end development such as the user interface alongside all necessary back-end development such as API integration and database construction. I would like to develop a project like this as since my work placement I have been working on developing web applications and I feel I have the required skills to execute this. My father also has worked in high-end lighting industry for 20+ years and always joked that he would go solo if I made him a website. For the first stage of this project, I plan on creating a concise, detailed list of application requirements. I plan on using software development tools such as Kanban boards and individual task tickets to plan each stage of

development. I plan on using the knowledge I will gain this semester in Web App Development 2, on API and database integration to create my own database and API. I also plan on using Vue.js to develop the frontend of this application. I will research all of Vue 3's features such as Vuex and Vue Router and will aim to integrate these where applicable. I also plan on researching and implementing an online payment service such as Stripe or PayPal.

WHICH SUBJECT AREAS ARE RELATED TO THIS PROJECT IDEA? YOU MAY CHOOSE MORE THAN ONE.	Software Development: Front End Software Development: Back End
WHAT HARDWARE AND SOFTWARE TECHNOLOGIES DO YOU PLAN TO USE?	Vue.js Mongo node.js Express Tailwind.css Stripe/PayPal AWS Cognito Git
PERMISSION FOR SUBMISSION TO BE REFERENCED AS A SAMPLE STUDENT SUBMISSION.	Yes