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ITECH3208 – Initial Product Backlog/Functional Requirements

Group – **E/L A02** E-Learning Product Development – Career Intelligence

# Description of project:

Employability. Life has several online learning courses that require extensive testing and evaluation. The organisation plans to hire a student team to test all the course's features using Moodle H5P. On the Moodle H5P platform, Employability Life has created a course called Career Intelligence, which includes videos, linked activities, and assessments.

The Career Intelligence web app was built and implemented as part of our project. Our project team is being asked by the organisation to investigate all parts of the implementation and give practical ideas for increasing student engagement and assess efficacy. Some of the best features available on the web include self-paced training with 40-minute lecture sessions, a tutor session reservation system, multimedia information usage monitoring, interactive features utilising H5P or related technologies, the ability to plan and deploy auto-evaluated submissions as needed, and an easy interface for trainers to mark assignments. The project's goal is to create a Career Intelligence web app that will allow learners to interactively develop their CVs, connect with domain experts about career options in various sectors, and create their career interest profiles.

The issue with developing and implementing the software is that we must test all the app's features, which is a lengthy and time-consuming procedure. Second, the description of the website indicates that it has amazing features, thus adding additional functions to the website, and improving or suggesting any changes to the app is a problem for our team.

# Users of the project:

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| Users | Description |
| Project Team Members | A group of people who develops and build the project for the users |
| Client | A company or person that initiates the project plan. |
| Student | A person who enrols for Career Intelligence course (users of the system). |
| Trainer | A domain expert who will assist the students |
| Administrator | A person that maintains and supervise the working of project. |

# Description of Key Words:

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| Key Words | Description |
| Dashboard | The home page of user (student or trainer), where the student can review his ongoing enrolments and trainer can review the course s/he is teaching. |
| Shopping Cart | A place where student can add the course which s/he wants to enrol |
| Payment Gateway | A place where payment is done for enrolling in the course. |
| Book Session | It is the part of the product where user can book a consultation with a mentor. |
| Lecture recordings | Recorded videos of trainers. |

# Product Backlog Items

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| No. | User Stories | Requirement Satisfaction |
| US – 1 | As a student, I want to login in my account. | When entered email address and password and clicked submit button redirected to the **dashboard**. |
| US – 2 | As a student, I want to review a new course. | Enrolment **shopping cart** is accessible  user can review the course that s/he want to enrol. |
| US – 3 | As a student, I want to enrol in the course which is added in the shopping cart. | Click enrol button underneath the course in the shopping cart, it takes the student to the **Payment Gateway**. If payment is done successfully than student is enrolled. |
| US – 4 | As a student, I want to update personal details. | Edit profile option available on **dashboard**, on clicking it takes to edit profile page.  after making changes and clicking save changes details are changed. |
| US – 5 | As a student, I want to review timing and date for booking mentor sessions. | Book session option available on menu bar of Dashboard. On clicking it takes to the **book session** page. |
| US – 6 | As a student, I want to book a session after reviewing the date and time. | Choose the expert and type pf consultation needed, indicate availability, and click confirm booking. Booking Successful message indication arrived. |
| US – 7 | As a student, I want to submit the assignment. | When going through assignment submission, from the **dashboard** upload the type of file require (WordPad) and hit submit button then it should display your submission has been accepted. |
| US – 8 | As a student, I want to review the list of lecture sessions. | Go to dashboard section. On clicking **lecture recordings** user should be directed to that page and find the lecture recordings till date of the course. |
| US – 9 | As a student, I want to view the recorded lecture sessions. | In **lecture Recording** page on clicking the selected recording the video starts playing. |
| US – 10 | As a user, I want to create CV. | When clicking generate CV should display distinct types of templates via APIs. |
| US – 11 | As a trainer, I want to post notice | Login to your account   go to discussion forums   post comments   save to forums  Share to students into their portals |
| US – 12 | As a trainer, I want to mark up the assignments | Login to account   hovering to dashboard selects Assignment submission  When selecting assignment submission trainer should show all the names of students showing their submission status  Selecting each student, it should show their submitted document and marking rubric for trainers on the side to give marks  After marking the assignment, it should be updated on respective students' portal automatically and get notified to students. |
| US – 13 | As a trainer I want to mark up the assignments | Login to account   hovering to dashboard selects Assignment submission  When selecting assignment submission trainer should show all the names of students showing their submission status  Selecting each student, it should show their submitted document and marking rubric for trainers on the side to give marks  After marking the assignment, it should be updated on respective students' portal automatically and get notified to students. |
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