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4/23/2022

INITIAL PRODUCT BACKLOG

ITECH 3208 Project One

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Initial Product Backlog-Functional Requirements

PROJECT-X02 EMPLOYABILITY ASSESSMENT TOOLKIT

- **Description:**

To begin with, the rudimentary goal of this project is to develop a comprehensive employability assessment portal which will be comprised of three main functions i.e., a career assessment tool, a Curriculum Vitae (CV) assessment tool and a career development planning tool. It will help the stakeholders in many ways by saving time, managing large volume of candidates, providing more efficient review process and sorting resumes based on keyword identifiers provided by the employer. Basically, CV screening decides whether a candidate is prepared and qualified enough to be considered for a job role based on education and experience of the candidate. It will aid and advice students and institutions on workplace trends and employability preparation. The career assessment tool will help students to find their target job roles by assessing their personality types, preparation level and fitness score for the preferred employment. The CV assessment tool will allow students to upload a CV and subsequently, provide them with a detailed feedback based on preferred job roles. The career development planning tool will recommend students with a list of solutions for competency development. Overall, it will allow students to map their current competencies with target audience by assessing <https://employability.life/> assessment portal.

- **Project associated problems**

Following are the complications associated with the project that we are going to begin:

- Late response from some of the group members
- Late project approval
- Communication gap among the group members
- Conflict and tension
- Low engagement from some of the group members
- Time management i.e., arranging meetings and coordinating schedules
- Lack of knowledge about programming

- **Definitions:**

Following are some of the acronyms, keywords, abbreviations, and technical words that are used in this product backlog.

TU	Target Users
GU	Guest Users
EL	Employability Life
PC	Project Client
PO	Product Owner
US	User story
PS	Project Supervisor
FR	Functional requirement
EAT	Employability Assessment Tool
CVAT	CV Assessment Tool
CAT	Career Assessment Tool
CDPT	Career Development Planning Tool

- **Users:**

Following are the users that are referred in this product backlog.

Guest users (GU)	People who want to review their CV and those who intend to prepare themselves for their desired jobs.
Students (TU)	The CAT will be used by students to identify their target job roles and employment competencies by assessing their skills and subsequently providing them feedback.
PO	EL will use this CAT for attracting a larger number of target users.
PC	Will be responsible for managing the product development.
Stakeholders	CAT will benefit the stakeholders in many ways by saving time, managing large volume of candidates, and providing more efficient review process

- **Product Backlog Items:**

Requirements	Condition of satisfaction
US1: As a GU, I want to create an account so that I can access CAT.	Clicking a link on EAT home page leads to a register form, when filled out it sends an email, and I can login using my email and password.
US2: As a user, I want to sign into EL website so that I can use CAT.	User is only logged in if valid credentials are entered.
US3: As a user, I want to understand my target job role so that I can concentrate on my skills.	User can comprehend his target competencies by answering a detailed questionnaire.
US4: As a user, I want to reset my password so that I can access login page of EL website.	Clicking on forgot my password button on EAT leads the user authentication by email, when verified then user can login using login credentials.
US5: As a user, I want to explore EL website so that I can prepare myself for my career.	User can achieve this by assessing CDPT that will help him/her by mapping current competencies with target ones.
US6: As a user, I want to use CAT so that I could come to know about my target job role.	User can understand his/her role for the target job only if he/she answers a detailed questionnaire that assesses one's personality types, preparation levels and fitness score for the desired job.
US7: As a user, I want to use CVAT so that I can receive an assessment for my CV.	User can carry out this task only if he/she uploads correct format of CV file i.e. .pdf, .doc or .png etc.
US8: As a user, I want to use CDPT so that I could map my current skills with target competencies of my desired job.	Clicking on CDPT button will provide the user with recommended solution for competency development after CV assessment with the help of CVAT.
US9: As a user, I want to see available assessment tools so that I can understand workplace trends and prepare myself for employment.	User can assess and use the assessment tool only if he/she is a registered member.
US10: As a user, I want to upload my CV so that I can get feedback in accordance with my preferred job role.	User can receive feedback based on desired job role only if he/she uploads his/her CV on CVAT.
US11: As a user, I want recommendations on assessment feedback so that I can develop my skills.	User will be able to see the recommended guidelines only if he/she answers detailed questionnaires correctly and provide exact information or by uploading CVAT and CDPT will recommend solutions.
US12: As a PO, I want to add an EAT so that I can attract many target users visiting my website.	This task can be accomplished only if EAT contains CAT, CVAT and CDPT and these tools provide accurate results. It will help to attract more users.
US13: As a stakeholder, I want to use search functionality so that I can see the list of high-performing candidates.	This can be accomplished only when CVAT keyword filtering functionality is used on EAT.

