Requirement Traceability Matrix

Requirements	Functional Requirements/User Stories
⚠️ **RE-1** - Deny access to veteran's history to VA employees without high enough clearance. **TO DO**	🔖 **RE-14** - As a the VA, I want to ensure only those with high enough clearance, are able to access veterans data, so we are in compliance with federal law. **TO DO**

⚠️ **RE-2** - Analyze current job postings from Indeed, and analyze it for the exact verbiage used for the most desired skills **TO DO**	**Key** / **Summary**

	Key	**Summary**
	RE-9	As a VA employee, I want to know what terminology is currently being used in the industry, so I can ensure my work is up-to-date
	RE-8	As a veteran I want my skills to use terminology used in the industry, to improve my chances of getting a job.
	2 issues	

⚠️ **RE-3** - Analyze the veteran's records for skills, responsibilities, awards, and other things that will be useful for a resume **TO DO**	**Key**	**Summary**
	RE-13	As a veteran, I want a resume that takes my military skills and translates it to civilians skills, to improve my chances of getting a job
	RE-11	As a VA employee, I want the the resume to auto-populate set data, to give more time to focus on other things
	2 issues	

⚠️ **RE-4** - Use the analysis from both current jobs and veteran's history, and create a starting point resume **TO DO**	**Key**	**Summary**
	RE-18	As a veteran, I want the resume to be exportable in multiple file formats, to suit the different requirements of employers.
	RE-17	As a VA employee, I want the resume to be exportable in multiple file formats, to suit the needs of the veteran.
	RE-16	As a VA employee, I want the resume to be editable, so I can do my job
	RE-13	As a veteran, I want a resume that takes my military skills and translates it to civilians skills, to improve my chances of getting a job
	RE-11	As a VA employee, I want the the resume to auto-populate set data, to give more time to focus on other things
	5 issues	

⚠️ **RE-5** - Resume created will be editable by the VA employee **TO DO**	🔖 **RE-16** - As a VA employee, I want the resume to be editable, so I can do my job **TO DO**

⚠️ **RE-6** - Exportable as a PDF, DOCX, PNG, or JPG **TO DO**	**Key**	**Summary**
	RE-18	As a veteran, I want the resume to be exportable in multiple file formats, to suit the different requirements of employers.
	RE-17	As a VA employee, I want the resume to be exportable in multiple file formats, to suit the needs of the veteran.
	2 issues	

🟣 **RE-27** - The system shall check if the user has a high enough clearance level to access the veteran's military history. **TO DO**	🔖 **RE-14** - As a the VA, I want to ensure only those with high enough clearance, are able to access veterans data, so we are in compliance with federal law. **TO DO**

RE-33 - The jobs analysis system shall collect new job postings on a weekly basis. **TO DO**	Key	Summary
	RE-9	As a VA employee, I want to know what terminology is currently being used in the industry, so I can ensure my work is up-to-date
	RE-8	As a veteran I want my skills to use terminology used in the industry, to improve my chances of getting a job.
	2 issues	

RE-34 - If both the translation system and job analysis systems are functioning, the resume generating system shall auto-populate with data from the afore mentioned systems. **TO DO**	Key	Summary
	RE-15	As a VA employee, I want the military-to-civilian skill translation to be semi-automated, to make my job more efficient.
	RE-11	As a VA employee, I want the the resume to auto-populate set data, to give more time to focus on other things
	2 issues	

RE-35 - The system shall have a user choice of what file format to export the resume. **TO DO**	Key	Summary
	RE-18	As a veteran, I want the resume to be exportable in multiple file formats, to suit the different requirements of employers.
	RE-17	As a VA employee, I want the resume to be exportable in multiple file formats, to suit the needs of the veteran.
	2 issues	

RE-37 - The resume generation system shall generate an editable resume. **TO DO**	RE-16 - As a VA employee, I want the resume to be editable, so I can do my job **TO DO**

RE-39 - The system shall suggest, to the user, which translated skills to use. **TO DO**	Key	Summary
	RE-16	As a VA employee, I want the resume to be editable, so I can do my job
	RE-15	As a VA employee, I want the military-to-civilian skill translation to be semi-automated, to make my job more efficient.
	RE-11	As a VA employee, I want the the resume to auto-populate set data, to give more time to focus on other things
	RE-10	As a VA employee, I want a UI to view current job insights, so I can easily access the data.
	RE-9	As a VA employee, I want to know what terminology is currently being used in the industry, so I can ensure my work is up-to-date
	RE-8	As a veteran I want my skills to use terminology used in the industry, to improve my chances of getting a job.
	6 issues	

RE-40 - The system shall work on Windows OS. **TO DO**	RE-26 - The system must work with Windows OS. **TO DO**

RE-41 - If only the translation system is functioning, the resume generating system shall auto-populate with data from the afore mentioned system. **TO DO**	RE-29 - The each subsystem must be able to run independently, to minimize downtime. **TO DO**

RE-42 - If only the job analysis system is functioning, the resume generating system shall auto-populate with data from the afore mentioned system **TO DO**	RE-29 - The each subsystem must be able to run independently, to minimize downtime. **TO DO**

RE-45 - The system shall have explicit and human-readable error messages. **TO DO**	RE-25 - The system should have universal usability, and built in accessibility tools for different disabilities. **TO DO**

RE-46 - The system shall be useable with traditional pointer and keyboard interfaces, along with touch input. **TO DO**

RE-25 - The system should have universal usability, and built in accessibility tools for different disabilities. **TO DO**

RE-47 - The system's job analysis database shall record when a job posting was scraped. **TO DO**

RE-57 - Job data must be removed after a year. **TO DO**

RE-48 - The system's job analysis database shall record a job's title, company which posted it, and description. **TO DO**

Key	Summary
RE-9	As a VA employee, I want to know what terminology is currently being used in the industry, so I can ensure my work is up-to-date
RE-8	As a veteran I want my skills to use terminology used in the industry, to improve my chances of getting a job.

2 issues

RE-49 - The system shall use a color-blind friendly color palatte. **TO DO**

RE-25 - The system should have universal usability, and built in accessibility tools for different disabilities. **TO DO**

RE-51 - The system shall use a consistent UI throughout each of its parts. **TO DO**

RE-25 - The system should have universal usability, and built in accessibility tools for different disabilities. **TO DO**

RE-58 - The system shall be maintained and improved upon by the next group of FGCU software engineering students that work with Intevations LLC. **TO DO**

RE-59 - As a Senior, I want the rising Seniors too take over the project, so the project doesn't die. **TO DO**