Requirements Traceability Matrix

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Objective | Functional Requirements | Proj # | Priority | Date Req’d | Dev Done | Analyst Test Done | Go Live Date | Comments |
| Tabs for different inputs | Clicking a tab switches to that tab |  | High |  |  |  |  |  |
| Each tab represents a different input set |  | High |  |  |  |  |  |
| Print out a resume based on inputs, with focus based on the collage resume writing guide | Button to print to a text file at minimum |  | High |  |  |  |  |  |
| prints the name followed by their phone number, email, a LinkedIn account, and GitHub account (optional: GitHub)  then a horizontal line of some kind followed by the objecteve |  | High |  |  |  |  |  |
| The above is followed by the following that is filtered by relevancy:   * The degree printout * The Experience printout * The other printout * The skills printout   In that order  It should not be more than one page |  | High |  |  |  |  |  |
| Save and load info from a text file | save process could print out the: PI as a Dictionary  then a flag, -1  then the degrees list printed out  then a flag, -1  then the education list  flag,  skills,  flag,  other  flag to end |  | High |  |  |  |  |  |
| Load process reverses the above |  | High |  |  |  |  |  |
| Select/deselect options based on relevancy | This can be done during after starting the print phase for the full resume |  | High |  |  |  |  |  |
| Create a Gui that facilitates the above | Should be obvious that there is one more tab for the printout.  And another set of frames for the relevancy, save, and load objectives. |  | High |  |  |  |  |  |
| The PI tab | Inputs are:   * First name * Middle initial * Last name * Phone number * email * LinkedIn account |  | High |  |  |  |  |  |
| The Degree tab | Inputs for each degree are:   * The degree length (i.e., associates) * Degree graduation month * degree grad year * degree’s field(s) * degree minor input * GPA overall * School name input * School city input * School state input * Multi-line for entry of information other participation while one was on campus |  | High |  |  |  |  |  |
| The Work Experience tab | Inputs for each Experience are:   * Occupation title * Occupation start month * Occupation start year * Occupation end month * Occupation end year * Business name * Business city * Business state * Multi-line for adding what the job requirements/details are |  | High |  |  |  |  |  |
| The additional skills tab | Inputs for each skill are:   * Skill name * Number of years used |  | High |  |  |  |  |  |
| The other tab | Inputs for each Experience are:   * Name of project/experience * Month * Year * Multi line Description of thing * Optional input, what was it for |  | High |  |  |  |  |  |
| Printouts for the tabs (except PI TABS) | Education printout  Starts with the name then the following filtered by relevancy:   * Degree full name * School name, city, state * Any minor * GPA * Relative other activities on campus   With the grad date/expected grad date being listed justified to the right of the degree’s full name |  | High |  |  |  |  |  |
| Work Printout  Starts with “related experience” as selected during finalization labeled as the relevant experience, the rest are under “work experience”, all of which are formatted as follows:   * Occupation title * Business name, city, state * Bullet pointed details/requirements filtered by relevancy.   With the experience start/finish dates justified to the right of the title of the occupation |  | High |  |  |  |  |  |
| Other/project printout:  Starts with “Additional experience” followed by the other/project filtered by relevancy in the following format:   * Name of project/experience * What it was for * Description filtered by relevant details.   With the month-year listed justified to the right of the name of the experience |  | High |  |  |  |  |  |
| Skills printout:  Starts with “Additional Skills” followed by the skills that have been filtered by relevancy, formatted in the following way:   * Skill names, grouped by year. * Left justified are the year for those skills |  | High |  |  |  |  |  |