



ISSUES REGISTER

Project : JobsAustralia.tech
As At: 05/11/2017

No	Description	Impact	Date Raised	Phase Raised	Allocated to	Resolution Strategies / Actions	Date Closed
01	Git is considering file permission changes as commit-worthy.	L	10/08/17	Development	Aaron Horler Ozlem Kirmizi Kim Luu Melissa Nguyen Dennis Mihalache	Git configured to ignore filemode changes locally on each of our development environments.	16/08/17
02	Apache configuration is failing on Mac.	M	10/08/17	Development	Aaron Horler Kim Luu	This issue was caused by TextEdit entering special quotations marks. This was resolved by using nano to edit Apache configuration files.	10/08/17
03	Thursday meetings cause group to delay work until day before tutorial.	H	13/08/17	Development	Aaron Horler Ozlem Kirmizi Kim Luu Melissa Nguyen Dennis Mihalache	Meetings moved forward to Tuesday.	14/07/17
04	Update to Laravel 5.5 from 5.4 is not working for some members.	H	29/08/17	Development	Aaron Horler Ozlem Kirmizi Kim Luu	Rollback to Laravel 5.4. UPDATE: Laravel 5.5 branch has been implemented for forward-compatibility.	29/08/17
05	Buttons not aligned in resume upload form.	L	30/08/17	Development	Ozlem Kirmizi	Resolved by using correct class names on div elements in forms.	30/08/17
06	Team member committed a large number of merge conflicts via git.	H	05/09/17	Development	Aaron Horler Melissa Nguyen	Merge conflicts manually removed. Rolling back was not possible due to the number of genuine commits after the damaging commit.	06/09/17
07	Matchmaking is failing to calculate a percentage match.	M	05/09/17	Development	Melissa Nguyen	Order of operations issue caused by asynchronous JavaScript. Resolved using then() promises.	06/09/17

08	Use of auto-incrementing model IDs is a security threat.	M	10/09/17	Development	Aaron Horler	Switched to UUIDs using the laravel-uuid package.	11/09/17
09	Minimum and maximum salary limits are illogical.	L	14/09/17	Development	Ozlem Kirmizi Kim Luu	Implemented client-side (Ozlem) and server-side (Kim) logic to set salary minimum and maximum depending on the values of rate and hours.	20/09/17
10	Mozilla observatory score is not optimal	M	17/09/17	Development	Aaron Horler	In our initial configuration our HTTP Observatory score was B+ (75/100), through various methods (mainly by implementing a strong Content Security Policy), the score has been increased to A+ (120/100). With this, our SSH configuration was made Mozilla SSH Standards Compliant.	29/09/17
11	Use of inline CSS is a security threat, and bad practice.	L	17/09/17	Development	Aaron Horler	Moved all inline CSS to external CSS file.	29/09/17
12	Use of inline JavaScript is a security threat, and bad practice.	L	17/09/17	Development	Aaron Horler	Moved all inline JavaScript to external JavaScript file.	18/09/17
13	API is too easy to abuse.	M	18/09/17	Development	Aaron Horler	Implemented user authentication (is user logged in) check, and CSRF token validation. The CSRF token is sent with every API request as a GET parameter.	21/09/2017
14	Laravel symlinks for resume uploads do not work across project directories.	M	19/09/17	Development	Aaron Horler Dennis Mihalache	Issue resolved by implementing a system symlink in Linux. Developers not using Linux will not be able to use this feature in their development environment.	21/09/17
15	Resume upload functionality allows any file to be uploaded.	M	19/09/17	Development	Dennis Mihalache Aaron Horler	Implemented server-side file type check using Laravel's validator.	20/09/17
16	Logo image doesn't fit in navigation bar.	L	20/09/17	Development	Aaron Horler	Image converted to font using IcoMoon.	22/09/17
17	Team member committed merge conflicts to seeder classes.	L	21/09/17	Development	Aaron Horler	Rolled-back using git.	22/09/17
18	Website design is simplistic and boring.	M	22/09/17	Development	Melissa Nguyen	Laravel CSS template edited via various means (background image, colour improvements, and box-reductions) to improve design.	27/09/17

19	Skill list is limited.	L	22/09/17	Development	Ozlem Kirmizi Kim Luu	25 new skills added. New programming skills are based on the most popular programming languages recognised by GitHub.	28/09/17
20	Jobs are displayed to job seekers after the start date of the job.	L	22/09/17	Development	Melissa Nguyen Aaron Horler	Implemented simple check that current date does not exceed start date before being returned by the relevant API function. Also implemented expiry reporting to the owner of the job (employer).	03/10/17
21	PageSpeed Insights score is poor.	L	25/09/17	Development	Aaron Horler	Some of the recommendations from PageSpeed would violate our Content Security Policy on implementation. Desktop score increased from poor to good, and mobile score increased from poor to needs work. This was achieved by optimising images using PageSpeed, minifying JavaScript and CSS, and serving particular content with a Cache-Control header (and a logical value).	28/09/17
22	“Perl” skill is spelled incorrectly.	L	28/09/17	Development	Ozlem Kirmizi Kim Luu	“Perl” is spelt as “pearl”. Pearl appears to also be a programming language, our intention, however, was Perl.	30/09/17
23	Cookies are not being sent with the “Secure” flag, cannot be sent with flag in development environments.	M	28/09/17	Development	Aaron Horler	The “Secure” flag cannot be sent with cookies in development because we are not using HTTPS in development. Resolved by editing Laravel session code slightly to return different configurations depending on running environment. The “Secure” flag is therefore now sent only from the production server (https://jobsaustralia.tech and https://employ.jobsaustralia.tech).	01/10/17
24	Event handlers are not working in Firefox.	M	28/09/17	Development	Aaron Horler	Call JavaScript functions with event parameter.	28/09/17
25	Error produced when accessing job seekers login or register pages via the loopback address in	H	03/10/17	Development	Aaron Horler Melissa Nguyen	Issue was caused by our splitting of the request URL to generate a link to the employer’s website. Resolved by instructing developers to not access the website via the loopback address directly	03/10/17

	development environment.					(instead using jobsaustralia.dev and their operating system's hosts file).	
26	Sending of mail delays PHP response time for relevant functions.	M	04/10/17	Testing	Aaron Horler	Implementing Laravel mail queuing.	05/10/17
27	Heading in navigation bar is too large for small displays. Drops down.	L	04/10/17	Testing	Aaron Horler	Implemented device width checks in CSS, which decreases font size of heading accordingly.	04/10/17
28	Outgoing mail doesn't send.	H	04/10/17	Development	Aaron Horler	Port 2525 was used by default. Port changed to 587.	04/10/17
29	Whitespace within textarea elements causes textarea inputs to be filled with multiple spaces by default.	L	06/10/17	Testing	Aaron Horler	Remove multi-line whitespace from inside of textarea elements.	07/10/17
30	Job creation and editing fails when salary is equal to minimum or maximum allowed value.	L	07/10/17	Testing	Aaron Horler	Cause of issue was a minor logic error (less than, instead of less than or equal to). Fixed by changing logic operators.	07/10/17
31	Division by zero error produced when employer creates job with no required skills.	L	07/10/17	Testing	Aaron Horler	Implemented simple check that number of skills selected is greater than zero before matchmaking is performed.	07/10/17
32	JavaScript does not handle bitwise operations on bit sequences greater than 32.	L	25/10/17	Testing	Aaron Horler	Matchmaking implementation altered slightly to divide bit sequences above 32-bits into smaller chunks, and perform bitwise operations on the chunks before concatenation. Detailed in <i>Technical Solution Design</i> document.	30/10/17

Impact: Impact on the Business or project in the event the issue is not resolved within the required time.