

# Requirements Technical Review

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## Findings Report

3/1/2013

**Reviewing Team #: 5 (Biomembranes)**

**Reviewer Names:**

Cameron Mann, Glen Nelson,  
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Omar Qadri, and Richard Leung

**Authoring Team #: 2 (EPL)**

**Document Name:** Project Requirements Document

## Defects, Risk Areas, and Concerns

Location	#	Severity	Discoverer	Description
Overview	1	High	Omar/Nick/Cameron	You mention the website will be built for the three most popular modern web browsers. However, a large portion (probably around 10%) of visitors to your website will be using other browsers such as Safari, Opera, and older versions of IE. Ensuring the website is fully accessible from other browsers is probably worth the time investment.
	2	High	Glen	It sounds as if the EPL Game and Timemap have different accounts. If this is the case it would be very annoying.
	3	Medium	Cameron	Are the general public and people interested in the EPL and Edmonton's history really the same thing?
	4	Low	Richard	"The EPL" vs. "EPL"
	5	Low	Richard	...that "existed" at that time...
Requirements	6	High	Glen/James/Cameron/Nick	TM. 1.1 is missing a step – there doesn't seem to be any indication to the uploading user that their content has been rejected or approved.
	7	High	Omar/James/Cameron	TM. 1.4: How is the ban enforced? What's to stop the spammer from re-registering?
	8	High	Glen	TM. 2.1: Why no captcha? It would decrease the amount of spam coming in and wouldn't be difficult to add.
	9	High	Nick	TM. 2.1: What restrictions are there on usernames and passwords? How long can they be? Are spaces and symbols allowed? Will there be a simple password strength check? What about security questions? Will the game opt-in option be checked by default?
	10	High	Omar	HYQ. 2.5: For the post-registration option, what if the name differs? Also, there seems to be a lot of types of accounts and links between them in general.
	11	High	Omar/James	TM. 2.6: Choice for text formats seems a bit limited, i.e. no formatted text type (e.g. rtf, doc, odt, markdown).
	12	High	Nick	TM. 2.6: How large can the files be? Will there be any MIME checking or file validation?
	13	High	Glen	TM. 3.2: Bookmobile pins aren't defined, and it's unclear why they need to be displayed randomly about the map. How are they different than TimeMap Pins?
	14	High	Glen	TM. 1.3 steps should be found and filled in ASAP.
	15	High	Glen	HYQ. 1.1 is in an inconsistent format compared to say, the registration information earlier. This should be made consistent.

	16	High	Omar	HYQ. 1.1: What exactly are quest streams & sets & types? There don't seem to be any user groups based on the previous information. What is the scale of point values (0-1, 0-100, arbitrary)?
	17	High	Glen	HYQ 3 These requirements are all very inconsistent with previous requirements, and at times odd to read. HYQ 3.2 in particular is bad.
	18	High	Omar	HYQ 3.3: will the book be the same for everyone? In that case, the waiting list might get quite long.
	19	High	Omar	HYQ 3.5: So will the library have to give prizes to people who complete unlimited-time quests many years from now?
	20	Medium	Omar	TM. 1.3: The usability data is not really relevant for this purpose.
	21	Medium	Glen	HYQ. 2.5: Should be listed before HYQ. 2.2, as it gives a better sense of the prerequisites involved, instead of finding requirements later required for an earlier requirement.
	22	Medium	Glen	TM. 1.5 seems like a poor way to do this, shouldn't you be able to simply navigate to stories you want featured and check a flag?
	23	Medium	Omar/James	TM. 1.5: how does the admin know which stories correspond to which IDs?
	24	Medium	Omar/Cameron	TM. 1.6: what kind of notice will be shown to people who have already bookmarked that content?
	25	Medium	Glen	TM. 2.3: If they login with a non-Time map account, will they have any access to the game?
	26	Medium	Omar/Nick/Cameron	TM. 2.3: are the accounts synchronized in some way? e.g. Can you do part of a quest through one account and the rest through a different type of account? Is the user allowed to connect their existing accounts to their social media? E.g. tying an existing EPL account to Facebook? Other sites have also offered the use of Google or Twitter as alternatives to Facebook.
	27	Medium	James/Nick	Will there be a "forgot password" link?
	28	Medium	Glen	TM. 2.5 lists an issue of ability to upload content anonymously, but earlier you listed an account was necessary to upload content (in the introduction).
	29	Medium	Omar	TM. 2.5: Is external content copied over to internal storage?
	30	Medium	James	TM. 2.5: How will the user be notified when their story content has been approved by an administrator?
	31	Medium	Cameron	TM. 2.5: Can you edit uploaded content?
	32	Medium	James	TM. 1.2: Have you considered the possibility of "publishing to this date?" Say the administrator

				uploads story content and wants the content only to be available to outside users on after Date X.
	33	Medium	Glen	TM. 1.7: Again a settings file; shouldn't this just be a database field?
	34	Medium	Glen/James	TM. 2.2 has a "current password" field that can be edited, as well "new password" fields. Isn't this confusing and redundant?
	35	Medium	Cameron	TM. 2.2: Some sort of restriction on changing your username is usually common. Is it freely editable in this case?
	36	Medium	Omar	TM. 2.4: Presumably they would have to be signed into their social media account.
	37	Medium	Omar	TM. 3.2: Response time may be an issue (to add to the issues section).
	38	Medium	Cameron	TM. 3.3: What happens if there is no featured content for the currently visible locations?
	39	Medium	Glen	TM. 3.5: If there is random featured content, then I could see someone changing the date, seeing the content vanish, and then changing it back, expecting it to reappear - but it might not.
	40	Medium	James	T.M 3.6: Who can add/change keywords? (The admin, the content uploaders?) Also how will keywords be determined and added? (ie. User Tagging System or database inverted index?)
	41	Medium	Nick	How exactly will the search work? Can users input multiple keywords? Can they use operators such as AND and OR, or enclosing multiple words in quotes?
	42	Medium	Omar	TM. 3.11: Is there any search interface for the help?
	43	Medium	Cameron	TM. 3.11: Is this general help or specific to the user's view?
	44	Medium	Cameron	Is there a notification system for users for when new quests are created?
	45	Medium	Omar/James	HYQ. 2.2: What about users who signed in from the custom or Facebook account?
	46	Medium	Omar/James	HY 2.3: The quest codes can easily be shared online with people who haven't done the quest.
	47	Medium	Omar	HYQ 2.4: This requirement may cause some complications (e.g. deleted content)
	48	Medium	Glen/James	HYQ. 2.7: Timemap had integration with a larger number of social media applications. This reduced set seems like it would be jarring.
	49	Medium	James	HYQ, 3.1-3.7: Does not state how quest activities and trivia will track for the Administrators. For instance most popular quests, least complete quest, individual user quest progress
	50	Medium	Omar	HYQ 3.1: how is the system supposed to verify that a

				person has visited the location of an old branch?
	51	Medium	Omar	HYQ 3.2: from what sources are these questions generated?
	52	Medium	Omar	HYQ 3.4: What about the twitter interaction, or people without facebook accounts?
	53	Medium	Omar	HYQ 3.7: What is the purpose of assigning quests to groups -- is this information ever used?
	54	Low	Omar	TM. 3.4: Perhaps there should be some order to the placement so that it doesn't change completely every time you visit it.
	55	Low	Omar	TM. 3.8: So the content must necessarily be viewed inline?
	56	Low	Richard/Glen	HYQ. 1.2: Lowercase medium, compared to the normally used "Medium"; should also indicate where the Administrator makes these changes, as in previous requirements.
	57	Low	Omar	What sort of prizes (virtual or real)? If there are multiple prizes for a certain amount of points, do you get all of them or do you get to pick only one?
	58	Low	Nick	HYQ. 2.3: Can the administrator change this code?
	59	Low	Richard	HYQ. 2.6: ...allowing the next one to be "viewed" once the...
	60	Low	Glen	HYQ 3.5 to 3.7 seem to be actually administrative requirements related to quests. Why are they here?
	61	Low	Omar	HYQ 1.1: (it's -> its), HYQ 2.4 (integration -> integrated), HYQ 2.6 (view -> viewed), SB 6 (model -> modal).
<b>Intellectual Property</b>	62	High	Glen/Omar/James	Shouldn't you know what the license is by now? This does not seem like it should be blank.
<b>Glossary</b>	63	Low	Glen	Missing seems to be the various "pins" mentioned.
	64	Low	Omar/Nick	You use the word "administrator" in your definition of "administrator", and similar issues exist with the other definitions.
	65	Low	Omar	Quests, quest streams, sets and types.
<b>Storyboard</b>	66	High	Nick	10 - I like the format of the logout button better here, but the My Account link seems to be missing. I'd recommend adding this and any other relevant links, and keeping this format consistent on all website pages. Users may get lost if access methods for these functions is context-dependent.
	67	Medium	James	10 has sound cloud embedding so does that mean some files will be potentially hosted externally from 3rd party sites? What happens when the file disappears? What about the rights?
	68	Medium	Nick/Omar	06: Not all login options are shown. It seems to just be a jumble of fields and buttons. I think you can

				make it more aesthetically pleasing.
	69	Medium	Nick/Omar	02: Users may have difficulty identifying that they need to click the gear icon at the top-right to manage their account, log out, etc. These links might be better placed in a persistent header. Also, it is not clear what the icon with two squares is supposed to do.
	70	Medium	Richard	02: Should mention "My Account" leads to #09
	71	Medium	Richard	03 Might want to mention what the Captcha is.
	72	Medium	Richard	Storyboard #5: ...as well as the "ability" to quickly...; Do the users choose what area to put their stories in?
	73	Medium	Glen/Richard	07 includes a Captcha, which doesn't appear in the requirements above.
	74	Medium	Omar	07: Not all login options are shown.
	75	Low	Glen	The storyboard is supposed to be part of the requirements section of the document.
	76	Low	Richard	Account management should only be accessible when logged into a created account. Description indicates otherwise.
	77	Low	Nick	14 - Will the user be able to later reactivate their account bby contacting the website admin after deleting it?
<b>Resources</b>	78	Low	James	In Similar Products Giantbomb.com has removed their quest system since their site relaunch on February 14, 2013. They have also switched to using the Symfony2 framework instead of Django. If you still need a reference, ComicVine.com, giantbomb's sister website still has their quest system but they are also going through the same relaunching as giantbomb in the next couple of weeks.

## Statistics

**Number of major findings:** 18

**Number of moderate findings:** 43

**Number of minor findings:** 17

**Person hours of review effort:** 13

(Nick: 5; James: 1; Omar: 2; Richard: 1; Glen: 3; Cameron: 1)