Good Morning,

I have discussed with my team and we have catalogued some of the issues we faced including Comments to Kartik’s email. Looking forward to our call

Regards  
Phillip Ferreira

S1

*I would like to share some insight about tasks delivered and causes of delay in delivery, specifically in the month of December, 2015.*

*I understand that you must be worried about time taken on ongoing Data Collection Module by looking at various relevant emails. However, from broader perspective email subject is misleading and hence I would like to draw your attention in detail for each point and my comments on same, you might find out more clarity for each point and All listed are not Glitches.*

*[Marcio] Maybe not ALL but most of them are glitches. Few of them were misconception or missing scripts from our side, but only few of them.*

*Pardon me for this lengthy email to clarify in detail. However it is crucial covering vital points to bring us on same page and what were the situation.*

*1)  
-> Firstly, Let me describe a brief about points covered along with Data Collection.*

*02Dec: “Due Diligence section of new procedure - Once select section should have ability to type. When typed 22 takes you to 20 in the drop down list."*

*I have applied the below in entire system though it was mentioned to work in Due Diligence modal only, this was required to maintain uniformity of the code so that later it will be easy for us to maintain*

*[Marcio] It was the item 13.1 set as "enhancement" with priority 2, added on Aug-31-2015. The item 179 Union Data Collection, has been set a priority number 1, so you have reordered the priorities by your own. This item caused further problems into the system, and made you spend more time in a task which was not under high priority.*

[Kartik] – At this time Data Collection was not the final version and it was under changing mode as per the instructions, so I didn’t want to waste my efforts in re-planning and re-development of the same. There were no other priority one item also this item was relevant to Regulation Module related item and so we picked this Item and made delivery, that’s why only I stopped Data Collection for a while. This item was also discussed with us on call 3rd Dec., I thought you might understand my strategy but.

*03Dec:     Received data collection latest files structure, however this was again changed on 10-Dec with drastic changes in the functionality/format compared to the version I received on 03 Dec leading rework on same work item.*

*[Marcio] For this item I have two points:   
1. The previous file structure were not fully completed, but you mentioned as done. There was no filter, printing function, and the totals coming from database were wrong.*

*2. The new structure were changed/updated on this date, however technically the only 2 difference were:   
a. Table became dynamic data table instead of single table;   
b. One more filter applied, regarding location.*

*I don't see "drastic" changes to justify this huge delay.*

[Kartik] – I thought you could make out drastic changes, Anyway Let me explain the Impact of these changes, along with Time consumed.

I observed here in your email you skipped the explanation which I had written to you where I stated visible factors of the New Version of Data Collection. Again I am mentioning below marked in Orange,

i) Navigation had been changed for the pages: Union, Consultants, Union Details, Courses, and Course-Details.

ii) You had wrongly mentioned Courses Grid, Attendance Panel, and Average Graded Panel in the Consultants Page in the initial version and those all have been removed from the new Consultants page and more on that New Consultant Grid added.

iii) As per your initial explanation 24Sep2015: “*10.  For Courses tile, redirect user to the page mys1/work/consultants.html”* that means there was no separate page for courses and course details.

iv) You never explained Advertising Concept which exists in the Consultant Page Grid

v) Total Course Panel removed from this page: <http://devlift.com/demos/mys1/work/admin/union.php>

vi) Previously it was same files of the Union page, Courses pages for Admin Data and Union Data, Later in new version, both were separated i.e. for the Union Data and Admin Data. Also in Admin Data, files of Courses are separated for Consultant courses, Admin Courses.

Overall whole concept of the Directory Structure has been changed and separated for the Admin Data and Union Data.

*04dec:  Due Diligence modal in s1 library contents page having misconception in Requirement Specification for the Add/Edit Library regulation panel, and also make*

*Content field mandatory in Admin section which was clarified after lengthy call about regulation changes till my*[*3:30AM (IST)*](x-apple-data-detectors://8)*, for about 3-4 hours.*

*[Marcio] This regulation modal on Due Diligence/S1 Library, were working properly till you released the item 13.1 mentioned above. We have a 4/5 hours chat to fix that because this implementation created a cascade glitch into the views:  
a. This view were working properly and Phill has approved that previously;  
b. On Dec-03 we found out the modal was not loading any regulation(first glitch);  
c. In our long chat, after you fixed the first glitch we discovered the second layer were missing content (second glitch):  
c.1. It was related to the item 189 "Construction Hazard Due Diligence button" in the task sheet, delivered well done on Oct-12-2015, but messed up after this change;  
c.2. It was also related to the item 208 "HAZARD DUE DILIGENCE “in the task sheet, delivered on Nov-02-2015, but messed up too;   
d. Today we still have a glitch on this regulation modal, where the part and subpart are being repeated wrongly in the first modal layer(third glitch);  
e. There was one misconception in the original spec for regulation insertion from Admin menu, where in order to display on regulation with all of its items/sub items, user should insert them separately, that is right and it was managed by manual process so far. However the system allowed to insert a regulation combination without content in the end, leading to a empty content on the modal view (fourth glitch);   
f. The content field mandatory should be implemented at the first time, so it was not any improvement/enhancement, it was a solution to fix the "fourth glitch" mentioned here;  
g. If you haven't done the wrongly implementation out of priority order of the item 13.1 above, nothing of this would have interrupted your work on Union Data*

*Collection, so you have created glitches and spent your and my time to fix it;*

[Kartik]: I am working this system by considering my system, So there is no questions where I create Glitch myself, This is something I and Marcio discussed which was originally a Misconception specified in Requirement from S1 side, and because of that whole Regulation Modal data section relevant to Library, planned and developed in wrong manner and affected everywhere wherever related.

You could check our Skype Conversation stated below:

“[12/4/2015 2:48:05 AM] Kartik Shah: Ok not an issue

[12/4/2015 2:48:57 AM | Edited 2:49:09 AM] Kartik Shah: However please discuss with Phil, Regulation was not the issue in system as we discussed

[12/4/2015 2:49:41 AM] Kartik Shah: it was the misconception while adding it in the library

[12/4/2015 2:50:02 AM] Kartik Shah: So we all could be on same page.

[12/4/2015 2:50:53 AM] Marcio Marques: Kartik, sorry but not showing the regulations became an issue, I will tell him that it was a smallest one, only an improvement into the database which affected that section due to misconception initial in this section. Don't worry, I wan't us escaped from this.”

*05dec:     - Investigate and compare about safety talks point files which was overwritten by old Tile Image.*

*[Marcio] Kartik has done nothing here. I have fixed it by myself. I have released this view on Aug-22-2015 but you have broken it later, so I have just taken the right version and changed the file. I sent email below complaining about how not reliable are his version control:  
"\*\*\*  
Dec 3 2015  
Hi Kartik,*

*First of all, thanks for all you effort to mitigate the regulations problem we have today. I really appreciate that.*

*Following our talking today, I have changed the view of NEW SAFETY TALKS tile, on view s1\_library\_safetytalks\_view\_metro.php a long time ago, since Aug-22-2015(see file attached).*

*It was an orange background color with only text, and became black with icon (+), similar to tile "NEW PROCEDURE" or "NEW INVESTIGATION" as you can see in their pages.*

*However Kartik today S1 team pointed it to me: unfortunately this tile became orange again as per the old version, so it was one more embarrassing situation I faced today.*

*I have already fixed this view today, don't worry it is done, this change was small, only three lines of code.  However Kartik this is not the point I'm writing to you, sorry but it is hardly acceptable old version coming back to system. Kartik it comes against you, I know you are doing an excellent job but it is not the first time I faced these small problems. You don't know how Phill became frustrated due to regulations not appearing plus this safety talks tile, he told me I need to check every page after any release of you because he always expects a negative ripple effect, where you fix one page and break others...*

*I always minimize the situation but today was hard to justify these, because there were more people around. I felt myself bad because I didn't see it prior to them, otherwise I would fix and tell you.*

*Please, take a bit of your time and compare the file I have uploaded today (s1\_library\_safetytalks\_view\_metro.php ), with yours other one I renamed and left in the*

*application/views folder: s1\_library\_safetytalks\_view\_metro-VersionBrokenDec032015.php.*

*Please one hundred times Kartik: be careful. See it and take it as a lesson to never happen again.*

*Finally you don't need to do nothing here beyond the comparison of these files, it is already fixed as mentioned. You don't need even reply this e-mail trying to justify yourself, just pay more attention and keep doing your best working as usual.*

*Regards,*

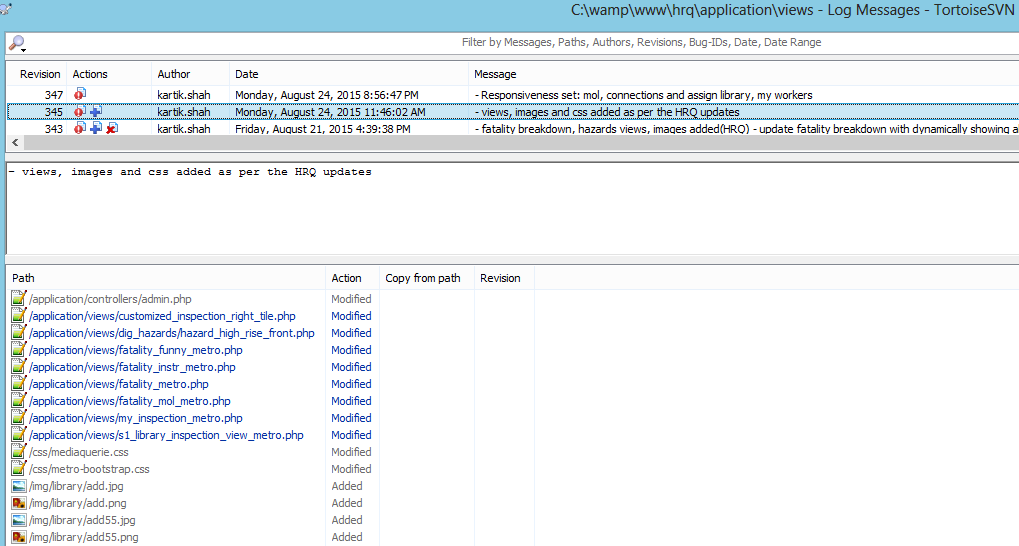
*\*\*\*"*

[Kartik] – I really don't want to justify myself. Just want to share that, I have setup Version Control System at my end and I have gone through all the files updated as per your list of 22Aug2015 and found that except "s1\_library\_safetytalks\_view\_metro.php" file, All the Views, CSS, Images, I had merged at my end.

 And I remember, at that time we had maintained 2 Versions in "www/hrqdev" and "www/".

Please find my screen below where it’s clearly stated that no file “s1\_library\_safetytalks\_view\_metro.php” was received in that particular version. Screen shot attached.

On the other hand serval time we have requested for setting up a version control.



*- Worked on Regulation changes on Due Diligence modal in s1 library contents page, which was misconception in Requirement Specification for the Add/Edit Library regulation panel as conclusion of discussion Dated 04Dec.*

*[Marcio] Glitches created by himself.*

[Kartik]: We have worked on this system for almost 2 years and have adequate understanding to almost 90+% but still cannot replace both of yours joint knowledge as you have visualized this product. So there is no questions where we create Glitch our self, only possibility is not able to visualize dependencies on other modules. There is no Test suit available to verify these permutation and combination before making a delivery.

This is something I and Marcio discussed which was originally a Misconception specified in Requirement from S1 side, and because of that whole Regulation Modal data section relevant to Library, planned and developed in wrong manner and affected everywhere wherever related.

You could check our Skype Conversation stated below:

“[12/4/2015 2:48:05 AM] Kartik Shah: Ok not an issue

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Let me give you one of the relevant example of this point, so you could visualize an exact scenario.

There are functions which gets data from the Regulation Tables, in the controller “admin.php”, in the “regulation modal” also, where we have to pass Table, Field Name and Value to this controller from the JavaScript function and If such table passed by unknowingly which call these controller and modal, then system would populate the database query error on the page straight away, and such errors were not handled in beginning and Marcio know very well that System was giving broken page. At the time of optimization of this system, I integrated Error Handling of the Database errors, so Now System would not broke instead of System would just populate the error and continuing to work for the remaining functions of that particular page.

So there are such functions originally exist in code which I have walkthrough and know but have not updated or touch them. As a result when Glitch comes I have challenge in visualizing how these function have been designed and coded.

*07dec: - Recreate and reconfigured development environment to safe guard all changes directly on live environment.  (Development environment was discontinued after*

*S1 live launch in Nov month)*

*[Marcio] It was required due to not reliable version control of our files, so work time created by Gateway due to previous glitches.*

[Kartik] – I always prefers the Development Environment before It was discontinued. Then after the Live release I only had preferred to start with Development environment again to reduce the Risk Factors of Live and so I configured that again and It’s obvious that took time and efforts too, I thought for the good purpose to this Project.

And For the concern of the Reliable version, you can refer actual scenarios of the Glitches by taking the point of Misconception of Regulation Data in Admin Library and Old Scripts in the system from the very beginning which caused problems at some occasions.

Sorry to say however it quite impractical to judge a performance result from one particular occasion and to count efforts of 2 years in a vain.

*- Worked on Procedure - Due Diligence - Implement functionality to show Regulation Details as an impact analysis of worked related to maintain Uniformity of*

*Due Diligence.*

*[Marcio] it is partially related to item 13.2 PROCEDURE DUE DILIGENCE, delivered on Oct-02-2015, and partially related to glitches created by Gateway as mentioned before. So again, rework created due to previous glitches.*

[Kartik] – Check my comments as per the Comments stated above with subject: “Misconception of Regulation Data in Library”

*08dec:     - As per your email, there could be a possibility of changes in data collection in future.*

*[Marcio] Yes as usual, sometimes we stress the requirements and see a new way to have this function, and change few requirements. We have been doing that for a long time. So we have done few of them in Dec-2015, once it was delivered.*

[Kartik] - Marcio, I do understand that changes is a part of our field and happened in past too, however it’s also depends on what’s the risk and impact level of those changes on the original module and also depends on what time/efforts required to incorporate those changes in the already planned/created structure.

However you feels for your safety “*Yes as usual, sometimes we stress the requirements*”, then you should understand, that would impact on the Timeline/delivery stage.

*- Worked on Procedure - Due Diligence - Implement functionality to show Regulation Details*

*[Marcio] Still rework remaining due to glitches created by Gateway.*

[Kartik] – Check my comments as per the Comments stated above with subject: “Misconception of Regulation Data in Library”  
 *09dec: Worked on Procedure - Due Diligence - Implement functionality to show Regulation Details*

*[Marcio] Still rework remaining due to glitches created by Gateway.*

[Kartik] – Check my comments as per the Comments stated above with subject: “Misconception of Regulation Data in Library”  
 *10Dec:     Received new structure of Data Collection.*

*[Marcio] I have send him e-mail on DEC-02-2015 (attached here) with all new information coming from Devlift, the files and some analysis. Kartik was able that time to see what was different, and in that e-mail I have mentioned further information from Phill, but the main files were there. Kartik has already answered in the day after as per his email below on DEC-03-2015:*

*"\*\*\*  
DEC-03-2015*

*Hi Marcio,*

*I saw the folder structure updated and merged with updated scripts.*

*Yes I agree on your point that, Changes has been on the Data Grid for Unions as well as in the Admin data collection pages, along with Print icon, other things seems same as before.*

*As I have new scripts now, I would start to change the functions and styles at my local environment, after I finish ongoing Item#173.*

*Thank you for sharing the details.*

*Marcio, I am really looking forward to make our journey to next level, So I have one suggestion if you could discuss with Phillip or with other S1 members that If they want then I could also be a part of technical or functionality discussion panel, because I strongly feels that after knowing this system/domain since long time, I could definitely give some productive suggestions on planning and Technical factors and that would only beneficial to this Project.*

*Regards,  
 Kartik Shah  
\*\*\*"*

[Kartik] – I have clearly mentioned here that “*I saw the folder structure updated and merged with updated scripts.”* that means a lot and in between the 03Dec and 10Dec, you could moreover find my schedule list mentioned above in this document, as I had also shared the same in email of 10Dec.  
I thought you could make out drastic changes, Anyway Let me explain the Impact of these changes, along with Time consumed.

I observed here in your email you skipped the explanation which I had written to you where I stated visible factors of the New Version of Data Collection. Again I am mentioning below marked in Orange,

i) Navigation had been changed for the pages: Union, Consultants, Union Details, Courses, and Course-Details.

ii) You had wrongly mentioned Courses Grid, Attendance Panel, and Average Graded Panel in the Consultants Page in the initial version and those all have been removed from the new Consultants page and more on that New Consultant Grid added.

iii) As per your initial explanation 24Sep2015: “*10.  For Courses tile, redirect user to the page mys1/work/consultants.html”* that means there was no separate page for courses and course details.

iv) You never explained Advertising Concept which exists in the Consultant Page Grid

v) Total Course Panel removed from this page: <http://devlift.com/demos/mys1/work/admin/union.php>

vi) Previously it was same files of the Union page, Courses pages for Admin Data and Union Data, Later in new version, both were separated i.e. for the Union Data and Admin Data. Also in Admin Data, files of Courses are separated for Consultant courses, Admin Courses.

Overall whole concept of the Directory Structure has been changed and separated for the Admin Data and Union Data.

*11Dec:     As per your email, I had gone through responsiveness items, in Firefox, chrome as well as in devices and found working. However it took time of development*

*in verifying pages again in different browsers and devices.*

*[Marcio] I agree with that time spending work, however it is still a glitch from Gateway responsiveness team.*

[Kartik] – It’s not only Time Spending, It’s what the efforts spent to analyze, Time of revert back to the task and Extra time spent, Also the mindset requires to get back on ongoing task. I tried always my more than best that such things don’t impact on ongoing tasks, in this 2 years journey.

*17Dec:  Because these Items stated as Glitch in sheet so I Worked on Items 252,253,255,256, which are relevant to the library modules where Item256 was not Glitch, I explained too both in email and in sheet.*

*[Marcio] I agree about fixing the glitches once system is live, however I disagree with the item 256: showing notification "0" (zero) is not a right function of the system, it is really a glitch.*

[Kartik] – As per my email on 18Dec2015: “*I have check and reviewed my scripts prior to upload found that, "Profile Settings notification criteria" was only checked for the "New Hazards Alerts" and "New Safety talks Completed Alerts" and i.e. for the Non-Employers and Non-Consultants users, So I have not checked the "Connections Alerts" for the Profile Settings notification criteria, Now I have checked the same and updated on the development server*.”

So that means for the Non-Employers and Non-Workers, I excluded “Connection Alerts” otherwise these conditions I have been checking from beginning, not the Glitches which created by Gateway just now, because generally no one create Glitches by own.

If you found this thing as Glitch then why you had not raised before because this is not something which is regenerated by us, in your vocabulary.

*Now along with above Tasks, It made some impacts on delivery of Data Collection, for which files/directory structured had changed drastically and that forced me to re-plan and re-align development structure as well as Timelines too, after I received latest version on 10Dec2015.*

*[Marcio] There was no drastic changes, as per Kartik e-mail on Dec-03 confirming that Data Grid, print icon (was there before) and other things (filters);*

[Kartik] – I thought you could make out drastic changes, Anyway Let me explain the Impact of these changes, along with Time consumed.

I observed here in your email you skipped the explanation which I had written to you where I stated visible factors of the New Version of Data Collection. Again I am mentioning below marked in Orange,

i) Navigation had been changed for the pages: Union, Consultants, Union Details, Courses, and Course-Details.

ii) You had wrongly mentioned Courses Grid, Attendance Panel, and Average Graded Panel in the Consultants Page in the initial version and those all have been removed from the new Consultants page and more on that New Consultant Grid added.

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Overall whole concept of the Directory Structure has been changed and separated for the Admin Data and Union Data.

*---------------------*

*2)  
 -> Secondly, as we spoke on phone (WhatsApp), It took my extra time in merging newly structured files/directory in already created structure because revision received on 10Dec2015, because that merging process includes:*

*i) Removal of unwanted sections from almost all the unions and admin data pages,*

*ii) Changes,*

*iii) New functionality added such as Consultant Grid, Location filter, Print function, Course detail page, Consultant Course details page, Header and Footer changes specially I had to re-code the file paths as per the files structure changed.*

*[Marcio] Except Location filter and Dynamic Grid, all items above were there before since Sep-2015 and he has not implemented rightly.*

[Kartik] – I thought you could make out drastic changes, Anyway Let me explain the Impact of these changes, along with Time consumed.

I observed here in your email you skipped the explanation which I had written to you where I stated visible factors of the New Version of Data Collection. Again I am mentioning below marked in Orange,

i) Navigation had been changed for the pages: Union, Consultants, Union Details, Courses, and Course-Details.

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Overall whole concept of the Directory Structure has been changed and separated for the Admin Data and Union Data.

*-> Phillip, till the time I have received revised version on 10 Dec, I was under impression that structure would be same because there was no such explanation about drastic changes discussed or conveyed in any communication. Based on this understanding and information on hand at that point of time, I have provided my first delivery Schedule to you. However, upon reviewing on 10th Dec, I could see a need of detailed impact analysis, verification and justification in email also required me to put extra time from my end, to pick-out final things and to bring all of us on same page.*

*[Marcio] We are not working under "impression", once we are analysts, we have been paid to perform analysis. We as human being may make mistakes I know.*

[Kartik] – Common Marcio, As simple as that, you cannot judge performance of analyst from the things provided with incomplete interpretation, from the things provided with unstable structure. I must say you should recheck the actual picture before questioning on my 2 years of efforts as analyst, which I gave for the similar point of Data Component where you could clearly see list of changes been made.

*Therefore I have done the frontend analysis and I understand the results of this frontend scripts were matching rightly what we do have in our database, as per this long journey into this system, these scripts has been explained enough and they speak for themselves once we have S1 system runs into our blood.*

*I believe after 2 years working into the system, you should not have challenges for understanding some "reports" and views.  
Again, for a fresh developer, we should have learning curve in order to implement these "extractions" from database, but for a Systems Analyst working fulltime in only this system for 2 years, I couldn't believe. So as per my previous comments, we have made few changes, and I have added further more details in some items, but they should not impact the deliveries neither be the root cause of your delays*

[Kartik] - Marcio, You are working in this domain for many years than me, Right? Plus you are in direct touch with domain there, in direct touch with team there, which is the big difference that you should have make out.

I delivered all the functions so far, with my analyst and development skills only, many times I suggested better things though I am working since below 2 years and moreover on the development area (not on domain area).

You are accepting here that you made changes still you are saying “*I couldn’t believe*” that I really don’t believe.

For you it’s only 1 function change, however for the Analyst / development purpose, I required to make plans, need to think optimization, development, testing and deployment.

“It’s a Common Software Task Cycle for any Task”

Don’t forget that Before Gateway started to work, how this system was, without any Code Structure, without any Error Handler, with so many repeated scripts, with old unsupportive syntaxes. You know very well that I never looked a clock in case of demo/delivery or any urgent things required. I worked and supported after official hours too whenever needed.

So it looks unrealistic when you say skill level required, Right?

*-> Another important factor in defining timeline that I am working since 04Dec2015, for 4 working Hrs. in a Day covering development, communication and discussion with*

*S1 team to bring all possible clarity before starting development.*

*[Marcio] The first version of these scripts were available to you since SEp-2015, and you were working fulltime and didn't release even this first version rightly.*

[Kartik] – Common Marcio, How could you think that all the Tasks of High Priority could achieved at the same time, We have delivered 228 Hrs. of work includes 73 Items since September,2015 and All were the Priority-1 Tasks, And Hope you remember when we started to work on the ongoing excel-sheet, Priority were not mentioned on few Items though they were on high priority so I covered those also, Here still I have not included hours of communication of Skype and Email, impacts planning, Risk Analysis, Merging and Testing your changes, Deployment and Testing. I remember many times you forget to upload files on the server though files listed in your email of updates and after I spent time on reviewing the things, I was reminding you to upload the list of files as per you mentioned in email.

*---------------------*

*3)  
 -> I strongly faced some Communication gaps too. I agree that I have initial Requirements where I could decide the exact output I need to deliver from the HTMLs provided and when needed I asked also if I had query, However I strongly believe that Many of the core domain relevant functionality I might not aware in same depth as S1 team and hence required detailed discussion for those.*

*[Marcio] I have been sending you requirements for "all" functions since the beginning, some of them by skype, some of the by email, some of them by standard MSWord doc. All requirements sent before were related to new functions or enhancements of current functions. Some of them had frontend mockup pages, some of them not.  
However, Data Collection is not any "new function", it is extraction from our database, which reflects the smartness of the system.*

[Kartik] – Marcio, if you look thoroughly whole system is extraction from the Database only, Right? Main point here is the Change in Core Structure after the Code Structure created/planned.

From beginning, I am not believing in doing the implementation for just a purpose of doing, I am also verifying whether it’s optimized well or not, whether that Code is used elsewhere or not so I could reuse or change it.

*In my professional opinion, I have sent enough information for this start, and asked Kartik if he needed any further details so I would be more than happy to help him.*

*But he had just set a delivery date, which was late. So I performed the analysis under the results and found some few glitches.*

[Kartik] – In the darkness where you feels you provided all detail and where you feel everywhere “Glitches Glitches Glitches”, few of the highlights stated below as I believe you should aware of the other side of Coin as well:

i) *“Set the labels for this graph rightly, in the blue line for "purchases", the label displayed on hover should be the amount followed by "$" not "M$", and label for "points" should be [XP icon (img/icons\_xp.png)] followed by the amount.”* You have mentioned this explanation on 10Dec2015, which was already implemented and concluded as Glitches at the end.

ii) “*The second line of tiles for credits, purchases and points, once compared with the table below them in the sample supplied, should bring the user who has more credits, purchases and points for the period filtered..* You have mentioned this explanation on 10Dec2015, which was already implemented and concluded as Glitches at the end.

iii) As per your point on 10Dec2015: ‘*Implement this page on s1dev in the right place at "*[*http://mys1s.ca/s1dev/admin/union\_datacollection*](http://mys1s.ca/s1dev/admin/union_datacollection)*"*’, so this is not an issue it’s CR because as per our conversation, we will not publish new data components until fully done and tested,

Right?

v) Purchases Panel: I have implemented what HTML suggests and mentioned as below after your email on 25Dec2015:

*“I believe the Amount of Credits which were assigned to user and requested by user, should not be the part of this “Purchases” tile. Though I included Amount of Credits from the “tbl\_my\_credits” table now. Kindly share your thoughts.”*

So basically it’s not a Glitch, it’s something where your feedback required to ensure it’s functioning as per needs or not.

Most important I mentioned in my email of 09Dec2015 that “Just for your knowledge, I had stopped to work on the above sections which mentioned as "Done", due to functionality was changing and after the functionality changes I have not update above links, so there might be few gaps.”

So, Professionally I believe, for 100% requirements you must have better visualization, I could implement the functionality from HTMLs same as so far I did, However Above few things I came to know after I gave status on 09Dec2015

*Again, I agree partially about some small gaps in the communication, however I can't believe that you are "not aware in same depth as S1 team" in regards of data Collection once the scripts speak for themselves + further specification.*

[Kartik] – You could find out list of changes received and how it’s changed plan/structure, are mentioned in my comments above.

*-> To come out from such situation, I had suggested to Marcio that we required to discuss the requirements on Skype or on call to clear doubts, because while sharing the functionality on call, I am sure that we get more clarification at the initial stages itself rather than after development. (A Typical Story point building and ensure it is understood by both the teams in term of agile development methodology before starting of a Sprint)*

*[Marcio] Kartik has mentioned to get a chat to further talk about requirements on Dec-21, but since Sep-2015 I have been asking him if he needs further clarification.  
By the way, for our history of deliverables, delays, especially in that time on Feb/Mar/Apr-2015, we have faced many glitches in almost all functions released.*

*Also, do not forget about our agile approach applied in the beginning of 2014, were I have done almost daily meetings with Kartik, sending partial list of requirements*

*in bubbles, however it was a disaster, which I was able to fix this almost a year later due to all delays and late deliveries, redoing standard specs and use cases as the original way, creating new use cases and not only updating previous ones in a circle applied for Agile methodology.*

[Kartik] – In this text, you forgot my efforts that I adopted the agile approach and delivered many successful deliveries.

I never denied to support in any time zones, even after official hours and delivered the things successfully otherwise system never passed 2 years journey. It’s quite unrealistic to say all deliveries went in the glitches area. For more facts of the other side of the Coin, I suggest that find my comments below in GREEN:

*For your reference again, I have collected all the conversation of Data Collections emails in the attached document (s1\_emails\_DataCollection.docx).*

*We welcome your input on further process, to make our journey more effective.*

*[Marcio] Finally I strongly suggest Gateway improve the quality of its deliveries, and start managing closely their resources. I have seen this a lot of times, development make mistakes, fix mistakes, fix one glitch, and create a cascade effect in other pages, so even with your QA tester working together I found many glitches.*

[Kartik] –

-> If you look at generally, you could not deliver any software without glitches even with 100% QA efforts, automation testing, security testing.

Although we always made a delivery with our best efforts by maintaining quality even though we have QA allocated for about 2 and half months for only 30%.

I remember when we made delivery in past, we received many commendations in email/call, by saying “*Each and every component is working great*” though we started with unstructured and vulnerable system.

So Marcio, on the basis of current phase that is also with inconsistent structure and frequent changes in functionality as I mentioned above, it looks impractical by blaming entire tenure.

-> I have also mentioned how the old vulnerable scripts still available in the system that caused glitches being repeated on many occurrences, and we generally not getting enough time to fix all the old scripts too.

You know very well that I always prefer to optimize the system before any new task, and made drastic amount of improvements in quality of the system and optimization of database operations, only to reduce the scope of glitches.

-> I hope you remember that while few of the old glitches were being repeated, I gave warning call also that system needs optimization before new tasks to be delivered, and emailed to you on 10Dec2015.

-> For your knowledge, I could provide few more examples of old scripts which seems vulnerable:

i) Regulation related functions in the admin controller and regulation modal (I have separated old existing scripts in this modal), where table/field names has been passed in JavaScript function and I discussed many times with you that, I need a time to change the things, before we go for the new functions, however new functions added and added and added, as a result more scripts created called these kind of vulnerable functions and you feels that old items getting reopened.

ii) “singleFileUpload” function in admin controller, where there is no condition checked where image path exists or not, requested image is exists or not, if image exists then no scripts for deleting the old images etc. I have made new functions for the images which uses Code Ignitor Framework components, though old “singleFileUpload” function has been used at many places.

iii) Nowhere in the system, Framework (Code Ignitor) inbuilt components has been used when Gateway started to work, I had tried to implement in proceeding functionality wherever possible to reduce the direct SQL Injection attack.

I cannot modify each and every old functions where direct SQL query fired which generally causes errors.

iv) In the many of the old modal or controller functions, parameter passed with for ex. ($userid), which is vulnerable and friend of SQL attacks. I had changed with ($userid=’’), that covers the safeguard of that function parameters, that is the big reason why sometimes system giving “Database Error” during page execution, and I thought you might got and aware of such vulnerable scripts.

If you monitored closely then I had implemented Error Handling throughout the system, so system could not populate broken page, instead of page would only populate exception message and further execution would be continue for the remaining page.

-> About QA Part, There was only 30% QA allocated that is for less than 2 and half hours. You cannot expect miracle and all the relevant modules to be rechecked after particular module delivered.

In the QA time, we were hardly getting time to test ongoing tasks itself.

Man, you cannot get 100% bug free system in the period of less than 2 and half hours QA’s daily tenure. I thought you could have understood that initial time of QA passes in discussion and understanding the flow and basic functionality of system that occupied my time too.

*If I pinch some items from our task list, certainly I will find more glitches under "done" tasks from Gateway as:  
Item 10 - NEW procedure: set as done on Sep-04-2015 but system still kick us off after certain time*

[Kartik] – As I replied I have increased session time in the system, QA had also tested many times. I had tested just now too. In most of the cases it happens either because of machine idle for few time, because of cache/cookie, because of you logins with the S1 system in more than 1 tab, then it could be possibility that system would logged you out.

Though we would figure out such a rare situation.

*Item 22 - Assign library on my workers page: set as done on Oct-01-2015 but it is not working.*

*Item 72 - In My Training WAT entire training should display as one training: set as done on Oct-18-2015 but it still is not well done. If you check s1employer/My Training/Completed tab you will see the trainings there.*

*So I have picked up only three items, and found two more in may research:*

[Kartik] – I would verify again and update.

*GLITCH 1: PROCEDURES are not showing content, see the procedure id=113 as s1employer does not show purposes, however we have it in the database:*[*http://mys1s.ca/admin/my\_created\_procedures\_metro?id=113&type=s1procedures#modalPreview*](http://mys1s.ca/admin/my_created_procedures_metro?id=113&type=s1procedures#modalPreview) *SELECT \*  FROM `tbl\_proc\_purpose` WHERE `in\_procedure\_id` = 113  
Same happens for this same procedure for Training, PPE, Machinery, Due Diligence... nothing is coming from database.*

*GLITCH 2: PROCEDURES from admin: Admin can't open his completed procedure by url:*[*http://mys1s.ca/admin/my\_created\_procedures\_metro*](http://mys1s.ca/admin/my_created_procedures_metro)*?id=108&type=new\_procedure#modalPreview, it crashes the system and shows 502 Bad Gateway...*

[Kartik] – This is working for other procedures stated below:

* http://mys1s.ca/admin/my\_created\_procedures\_metro?id=110&type=new\_procedure#modalPreview
* <http://mys1s.ca/admin/my_created_procedures_metro?id=111&type=new_procedure#modalPreview>
* <http://mys1s.ca/admin/my_created_procedures_metro?id=120&type=new_procedure#modalPreview>

After more analysis, I found that it’s not working because of “Due Diligence Data Contents” for the URLs you mentioned. So that doesn’t mean it’s stopped for all procedures and reminding you that while changing/integrating the Regulation Data, I verified couple of procedures and those were working.

I can’t check for 58 Procedures because it may affect original timelines, Right? It looks unrealistic. So it was not “502 Bad Gateway…” for all the procedures.