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**Phase 1- vol. 1.0**

**March 2020**

**Introduction**

The purpose of this document is to gather as much information from (historical work for RiskProfiler web based application project & current project requirements) to form an attractive UI/UX for the end user.

**Gathering the information**

*We may use equivalent terminology to ease the communication*

* Visitor /and, or/ End user = Primary Actors /and, or/ Secondary Actors
* Data element /and, or/ Component = Use case
* Site /and, or/ [riskprofiler](https://github.com/OpenDRR/riskprofiler) domain /and, or/ web site = [riskprofiler](https://github.com/OpenDRR/riskprofiler) web based application

We are not diving into functions or data process we focus on knowing the data as an output for the end user. Please provide as much details as you can, below is the required information for UI/UX proposes:

Questions types may include (closed question, open question, and cross referencequestion *“which may be interpreted as a duplicated question”*)

1. Reference to GitHub repertory ([OpenDRR](https://github.com/OpenDRR)/[riskprofiler](https://github.com/OpenDRR/riskprofiler)/3\_RiskProfiler\_LandingPage.pdf) if you are visiting riskprofiler.ca domain what is your expectation to see at the start? Please list the details as you simulate or act as deferent visitor (ex. planner, then, resident, etc...)
2. Reference to GitHub repertory ([OpenDRR](https://github.com/OpenDRR)/[riskprofiler](https://github.com/OpenDRR/riskprofiler)/3\_RiskProfiler\_LandingPage.pdf) what visual data you aimed to present at the start when anyone visit riskprofiler.ca domain?

For question 1 & 2, I like to present you an example (it is theweathernetwork site) at the start they display the current temperature which is valuable data element for all type of visitors , then there is another data element like view weather radar which may be interesting for some visitor

1. Who are the target audience - Please indicate name and percentage?
2. Are there any specific data will be present to a specific type of audience? If yes please specify?
3. What are the sources of data elements (ex. Text data from database, pre calculated result from database or other data as a result from background process and/or other source)?
4. What are other applications may supply information to the site?
5. What is the data type will be retrieved for other data source (ex.JSON, , query result text, query result array, etc..)?
6. What are the data elements that need to be visualized to the end user (ex. static maps, interactive map, tables, graph, etc...)?
7. Which devices will be used to display RiskProfiler web application? (Mobile, tablet, desktop)?
8. Are you planning to promote your social media into the RiskProfiler web application?
9. Are there any minimum requirements that the site visitors should have to see site data (ex. JS enabled, etc...)?
10. What is your vision to create an easy navigation mechanism?
11. From the perspective of site analysis, the studies found that when the visitor find out there are too much information displayed in one page and/or the page is so crowded, it reduces the possibility that user will continue navigate the site or comeback to visit the site. Please specify the display priority for each data element?
12. Are you planning to have an Alert message in the event of any disaster (ex. earthquake, flood, etc.?)
13. Are you planning to have a newsletter subscription or news update subscription or RSS ” Really Simple Syndication”, etc..?
14. Is the focus of the RiskProfiler web application to be in earthquake module only? If no, please specify?
15. How victors will communicate or send request to RiskProfiler?
16. Are you planning to have the site multilingual?
17. Is there any need for the visitor to register, and create account to login into the site?
18. Does the login available only for the site admin?
19. How often the site content will be updated?

The last step in this phase will allow us to create User *Experience Integration Matrix* (UXI Matrix) below is an example

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Content element | Format | Priority | Target Audience % | | | Note |
| Resident | Business Owner | Risk Analyst |
|  |  |  |  |  |  |  |
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**References**

* **Part 1-IGIF-Overarching-Strategic-Framework-24July2018.pdf**

<https://github.com/OpenDRR/riskprofiler/blob/master/docs/Part%201-IGIF-Overarching-Strategic-Framework-24July2018.pdf>

* **0\_RiskProfiler-Kickoff\_mjourneay.pptx**

<https://github.com/OpenDRR/riskprofiler/blob/master/docs/0_RiskProfiler-Kickoff_mjourneay.pptx>

* **3\_RiskProfiler\_LandingPage.pdf**

<https://github.com/OpenDRR/riskprofiler/blob/master/docs/3_RiskProfiler_LandingPage.pdf>

* **4\_RiskProfiler\_StoryMapWireframe.pdf**

<https://github.com/OpenDRR/riskprofiler/blob/master/docs/4_RiskProfiler_StoryMapWireframe.pdf>

* **Earthquakes Canada**

<https://earthquakescanada.nrcan.gc.ca/index-en.php>

* **UNDRR United Nations Office for Disaster Risk Reduction**

<https://www.undrr.org/publications>

* **Preparing for Earthquakes Public Safety and Emergency Preparedness Canada**

<https://www.getprepared.gc.ca/index-eng.aspx>

* **The Geological Survey of Canada (GSC)**

<https://www.globalquakemodel.org/GEM-Projects/srabccanada>

* **Seismic Risk Assessment for British Columbia, Canada**

<https://www.globalquakemodel.org/GEM-Projects/srabccanada>