**SEP PG02 meeting minutes**

17:00-17:30, 14th Aug 2024

Meeting type: The 2nd Sprint meeting / Q&A session with tutor Sanchi Verma

Location: Hub central Level 4 and Online

* Tracking items of last meeting:

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| --- | --- |
| Items | Status |
| Group members join in the private channel ‘**InfluxUI-PG02’** in MS Teams | Done |
| Tutor – Sanchi Verma will provide a user story and product back log. | Done |
| Tutor – Sanchi Verma will provide a Github. | Not yet |
| Shih-han Lin (Peter) will create a google calendar for group schedule. | No needs |

* Discussion:
* Three user stories updated by Sanchi:
* [User story 1: Drag-and-Drop Interface for Selecting Data Sources​](https://github.cs.adelaide.edu.au/INFLUXUI-ATYSYS/InfluxUI-PG02/issues/1)
* [User Story 2 : Filter Application via Drag-and-Drop](https://github.cs.adelaide.edu.au/INFLUXUI-ATYSYS/InfluxUI-PG02/issues/2)
* [User Story 3: Automatic Query Generation and Execution​](https://github.cs.adelaide.edu.au/INFLUXUI-ATYSYS/InfluxUI-PG02/issues/3)
* Our project name:
* **LeStartup**
* Clarification by Sanch:
* Basically, about the development is based on the group creation, she won’t give a guidance and too many restrictions.
* Questions to Sanch and the confirmation:
* Q: Should we visualize the data on our front end or Grafana? Should we integrate Grafana as a separate front end or embedded in our front end?

A: Yeah, since it says it's a single page design on, all functionalities will be available on one page for ease of use and quick access.

* Q: Should we integrate Grafana at the beginning of the project, or we do the non-extension requirements and then integrate with Grafana later?

A: You should since begin.

* Q: What specific buckets, measurements, fields, and other syntax should be available in the drag-and-drop interface? Are there any limitations or restrictions?

A: Dummy Data: <https://docs.influxdata.com/influxdb/cloud/reference/sample-data/>

* Q: How should the interface handle invalid selections or combinations of data sources? How should error handling be implemented, especially for cases where the generated Flux query is invalid or returns no results?

A: Up to us. Error message, friendly user interface, toast.

* Q: Is there a need for a query history or the ability to save and reuse queries?

A: Yes.

* Q: How should the system handle real-time data updates? Will users need to refresh their queries manually?

A: Up to us. Optional.

* Q: Are there any specific accessibility requirements for the drag-and-drop interface?

A: It vary. As a user, I just need a drag and drop interface and how I want to make it right.

* Q: Will users need the ability to export their query results? If so, in what formats?

A: Yes, visualization & excel.

* Q: When users log in to the app, do we have authorisation steps that check which data source users have permission to view/query?

A: Yes.

* Q: When a user chooses a different data source, should the application dynamically update available measurements and fields?

A: Yes.

* Can we use diagram formats other than UML for architecture, CICD pipeline and API flow?

A: UML required.

* Should we integrate some of test cases, like unit tests, integration tests and component tests?

A: Testing is completely up to you how you want to keep it. It’s not the requirement. But it up to you.

* Action Items:
* Tutor – Sanchi Verma will add our members in the private Github in Uni Adelaide.
* Weekly meeting with Sanchi Verma at 17:00-17:30 on Wednesday (If necessary).