This document contains a comprehensive report of the Month 2 XCM SDK & XCM API maintenance period.

Document contains:
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1. Short description

Our second-month focus was mainly on resolving issues that we had left to resolve. Another priority was doing a maintenance check of new compatible Parachains so we can include support for them. We summed everything up in the Medium article. We also included 10 hours (½ of total hours, the second half is included next month) as compensation for promoting Polkadot and ParaSpell at the international Blockchain conference BCCA held in Kuwait.

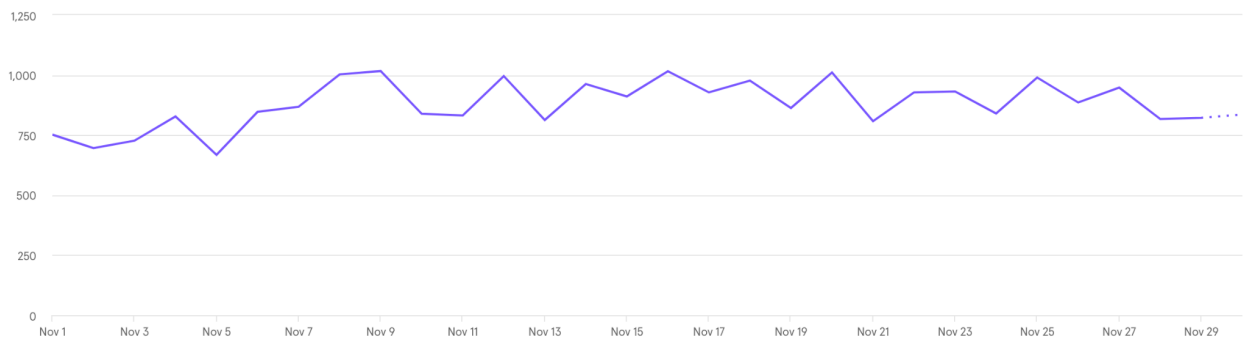# 2. A detailed breakdown of the work

Work breakdown table		Description
BCCA 2023 Conference in Kuwait 1/2	10 hours / 40 hours spent	As we had no hours left for this conference in October we moved the conference here. Overall conference costs were: 600eur for article registering, 300eur for Accommodation and 150eur for flight tickets (From Vienna to Kuwait). Total 1050eur. This would mean approx. 20-hour subtraction but we will subtract 10 hours from next month also so we have enough hours to spend left in November. You can find our article "ParaSpell XCM SDK: A new protocol for interoperability in Polkadot Paraverse" in the conference program at this link
PR fixing large currency IDs (Moonbeam, Moonriver and more) https://github.com/paraspell/xcm-sdk/pull/70	20 / 40 hours spent	Following PR fixed the problem that was present in our SDK for a while. The large currency IDs that a few Parachains use were not supported by any common Typescript type. We had to do lots of research and then everything was documented and tested on mainnet via test transactions.
Resolving enhancement issue where Parachain WS ports are now exported in 2 functions: https://github.com/paraspell/xcm-sdk/issues/66	22 / 40 hours spent	The following issue adds the ability to query Parachain WS ports directly from SDK in 2 simple-to-use functions.
Resolving issue bumping packages to latest versions https://github.com/paraspell/xcm-sdk/issues/71	23 / 40 hours spent	The following issue updates the typescript to version 5 along with other rollup dependencies to allow for the latest version implementations

Adding sentry documentation, resolving the issue and also adding a testing endpoint to API to verify if the sentry is set correctly **https://github.com/paraspell/xcm-api/pull/27** **https://github.com/paraspell/docs/issues/3**	27 / 40	The following commits add sentry documentation and a new endpoint for sentry testing (This endpoint is only enacted in localhost mode to prevent sentry spam in the deployed version)
Resolving issue that cleans package.json scripts **https://github.com/paraspell/xcm-sdk/issues/74**	28 / 40	The following issue cleaned package.json scripts and made things more easy to work with
Resolving the issue which changed currency type from Any **https://github.com/paraspell/xcm-sdk/issues/72**	30 / 40	The currency type was set to Any, currently, it is changed to the correct type for maximal reliability and secure operation.
Resolving the issue which modernised eslint configuration and made it stricter: **https://github.com/paraspell/xcm-sdk/issues/79**	35 / 40	The eslint configuration was still not strict enough, following the issue updated the configuration and made eslint stricter to prevent issues and allow for cleaner code formatting.
Resolving the issue which checked new Parachains compatibility/checked for changes in implemented chains **https://github.com/paraspell/xcm-sdk/issues/80**	40 / 40	The following configuration updated pallets and XCM versions in existing Parchains. A full check for new Parachains was also included along with a full test of implemented Parachains.

Article report about this month https://medium.com/@dudo50/paraspell-maintenance-report-month-2-956b8696782e	40 / 40	Created an article about this month's work
Total hours spent	**35 hours**	

3. Outcomes / Obstacles that occurred during work

Our API metrics in November:

Total requests in the month: 26362
Highest request count in one day: 1017
Lowest request count in one day: 668

Increase of 12.03% since last month.

4. Next plans

Our focus is now mainly on implementing the XCM Router (The first XCM Router in the Polkadot ecosystem). We also wish to complete enhancement issues next month and prepare for the Monorepo merge of XCM Router, XCM API and XCM SDK. This merge should happen after the XCM Router is fully developed.

5. Conclusion

Overall, we have met all the criteria we set to meet in the second month. We will work hard to do the same in the next months also.