Intersect Milestone Acceptance Form

The Milestone Acceptance Form (MAF) must be completed on completion of each milestone and accompany the invoice submitted by to: billing@intersectmbo.org

The form can either be in the body of the email or as a separate attachment.

An update on confidentiality – We understand that our current contracts define a majority of content as confidential, this MAF acts as an attestation of what Intersect will share with its community and membership. Any personal, security or financial information will be omitted.

Contract Name	*GovTool Tests Maintenance*

Milestone Name(s) & Number(s)	*Milestone 2 – Maintainers role (Month 5 – January)*

Acceptance Criteria(s)	- Develop and execute DApp level tests for GovTool
	- Potential additional services or tests are identified and documented
	- Tests should include, but aren't limited to, the following:
	  - Integration testing
	  - System (end to end) testing
	  - Performance testing
	    - Load testing
	    - Stress testing
	    - Scalability testing
	  - Security testing
	    - Penetration testing
	  - Regression testing
	  - Smoke testing
	  - Sanity testing
	  - API testing
	- Testing should have several forms
	  - Automation testing
	  - Manual testing
	  - Continuous Testing: Integrating testing into the CI/CD pipeline

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What & How

Summary:

This month, we focused on resolving critical bugs, improving backend and frontend functionality, and enhancing the overall stability of the GovTool. A total of **21 issues** were reported, primarily related to **backend database connectivity**, **frontend rendering, delegation pillar and Proposal pillar functionality**. Additionally, we updated the test suites and submitted **5 pull requests (PRs)** aimed at improving test coverage and optimizing integration workflows.

Details are provided below:

Issues Reported:

Delegation Pillar:

- 🐛 Delay in Reflecting dRep Metadata Updates (#2791)
- 🐛 Issue with Registering as DRep: TxSubmissionError: Some Signatures Are Missing (#2681)
- 🐛 Exception Multiple Voting Power Entries for Stake Key: e12dc5c13fc0d978cc770a34cf170428a7ca3234f8... (#2777)
- 🐛 Exception Multiple Voting Power Entries for Stake Key: e12dc5c13fc0d978cc770a34cf170428a7ca3234f8... (#2778)

Proposal Pillar:
- 🐛 Proposal Details Not Fully Displayed on Details Page (#2831)
- 🐛 Unnecessary Fields Displayed in "Review Your Submission" for Info Proposal (#2833)
- 🐛 Missing Test ID for Sort Button After UI Update (#2838)
- 🐛 Proposals Not Categorized Correctly by Governance Action Type (#2832)

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Backend:

- 🐛 Backend Database Connection Issue: Permission Denied for Table xxx (#2677)
- 🐛 Non-Exhaustive Patterns in Case While Handling DRep Info Request on the Backend (#2676)
- 🐛 Exception SqlError {sqlState = "42P01", sqlExecStatus = FatalError, sqlErrorMsg = "relation \"utx..." (#2757)
- 🐛 Backend Doesn't Log on Console (#2776)

Frontend:

- 🐛 Large Render Blocking Asset on Page /drep_directory (#2678)
- 🐛 Error: Method Not Found Reported on DRep Details Page (#2679)
- 🐛 Cannot Communicate with Ledger Cardano App Due to DeviceStatusError (#2680)
- 🐛 TypeError: Failed to Fetch Dynamically Imported Module: https://gov.tools/assets/app.cjs-B-mIIiaF.js (#2684)
- 🐛 TypeError: Cannot Read Properties of Undefined (Reading 'trim') (#2669)
- 🐛 DeviceVersionUnsupported: Conway Era Certificates Not Supported by Ledger App Version 5.0.1 (#2682)

Infrastructure:

- 🐛 Error: Wrong API Key or Paused Project (#2683)
- 🐛 [Test] Fix Order of Deploy and Test Execution (#2775)

Feature Ideas :

- 💡 "Created by Me" Filter or Tab for Easy Proposal Tracking (#2843)

Pull Requests Created (Testing-Related):

1. **#2611:** Improve dRep Search Test and Governance Action Validation Using IDs
2. **#2643:** Fix dRep Directory URL Path and Increase Assertion Timeout

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3. **#2805:** Support Network, Add More Host URLs, and Set Default Tests to preview.gov.tools
4. **#2828**: Update Deployment Order to Run Tests Only After Test Stack Successfully Deploys
5. **#2834**: Fix: Report 275 Failing Integration Test

This month's efforts significantly improved the functionality, reliability, and user experience of the GovTool. By addressing key bugs and enhancing test coverage, we have strengthened the platform's stability and efficiency, ensuring a smoother governance experience for all users

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<tr><td>Where</td></tr>
<tr><td>

The delivery is located on the Github repository here:
https://github.com/IntersectMBO/govtool/pulls?q=is%3Apr+is%3Aclosed+author%3Akneerose

The reporting dashboard based on Allure Dashboard:
https://intersectmbo.github.io/govtool-test-reports/govtool-frontend

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<tr><td>Quality/Testing</td></tr>
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Regarding the quality/testings, the main indicator is the test results as shown on the Allure Dashboard.

The failing tests are reported as separate issues on Github.

We suggest looking at the overview (on the left sidebar) to compare the test results.

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<tr><td>Communication</td></tr>
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Please be aware that anything written in this section may be copied directly to Intersect's Newsletter or Gitbook
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updated the test suites and submitted **5 pull requests (PRs)** aimed at improving test coverage and optimizing integration workflows.
Social Media Handles & relevant tags (optional):

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Signature Authorization

Role	Name	Signature	Date of Signature
The person responsible for producing the work, e.g. Project Lead / Technical Owner			
Project Lead	*Sandip Pandey*		*10/02/2025*
The person responsible for validating the technical accuracy and completeness of the work, on behalf of the community, e.g. Technical Assurance / Technical Reviewer			
Senior Technical Project Manager	Bosko Majdanac	Signed by: *Bosko Majdanac* F9C72669327A4EA...	2/12/2025
The Delivery Assurance team within Intersect			
Delivery Assurance	Abbie Yeates	DocuSigned by: *Abbie Yeates* 4748C7DD66C4447...	2/12/2025

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Milestone Acceptance Form Guidance:

Accepted By – this should be the person responsible for completing the Quality or Testing review, the person of suitable expertise to attest that the milestone has been completed. It should not be a person from the delivering organization.

Communication – the cardano ecosystem thrives due to open participation and membership. Intersect will announce deliverables and celebrate the success of its partners. Please provide a few words on how we can best articulate and share this milestone being completed.

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