# Week 1 Slide

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# What I did this week

1. Went through the wiki page (https://wiki.hyperledger.org/display/INTERN/HL+Iroha+and+HL+Cactus+Integration)
2. Attended Iroha 6/4 meeting & mentee onboarding meeting
3. Registered Global Forum 2021 event
4. Built Cactus via the video guide

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        _____
 FAIL  packages/cactus-test-tooling/src/test/typescript/integration/quorum/quorum-test-ledger/constructor
(HTTP code 500) server error - Get https://registry-1.docker.io/v2/: net/http: request canceled while wai
awaiting headers)
 ✗ QuorumTestLedger#stop() Container was not running to begin with.
 ✗ QuorumTestLedger#destroy() Container was never created, nothing to destroy.

Suites:    25 failed, 82 passed, 3 skip, 110 of 110 completed
Asserts:   31 failed, 611 passed, 3 skip, of 645
Time:      4h
ERROR: Coverage for lines (55.44%) does not meet global threshold (75%)
ERROR: Coverage for functions (48.27%) does not meet global threshold (70%)
ERROR: Coverage for branches (32.52%) does not meet global threshold (45%)
ERROR: Coverage for statements (56.03%) does not meet global threshold (75%)
----------------------------------------------------------------------------------------|---------
```

# Breakdown of the summer tasks

1. Embed Iroha as a plugin as the Cactus (cactus-plugin-ledger-connecter-iroha) (Deliverable 1)?
2. Write examples (>2) for integration between Iroha and Cactus (Deliverable 2)
3. Integration between Iroha & Fabric (application) (Deliverable 3)?
4. Test the integration (cactus-test package) between Iroha & Cactus
5. Test the integration between Iroha & Fabric
6. Write documentation

## Expected Outcome

1. Documented, ready-to-use integration of Iroha and Cactus,
2. Documented example of integration between multiple (two and more) iroha's networks with Cactus,
3. Documented example of integration between Fabric and Iroha (Fabric plugin for Cactus is already implemented) integration,

# Proposed Schedule

W1-W2 (6/1 - 6/13)

Update project plan on Wiki; Finish building Iroha;

W3-W7 (6/14 - 7/18)

Start working on the Iroha & Cactus integration; Write tests along the way

W8-W9 (7/19 - 8/1)

Examples of integrations of Iroha & Cactus integration;

Examples of integration of Iroha & Fabric; Write comments; Write tests

W10 (8/2 - 8/5)

Write comments; Wrap things up

# Questions for mentors

1. Apart from the weekly meeting, preferred way to communicate/meet? (rocketchat/ channel/ telegram/ pair programming session?)
2. Consolidate the project plan (make it more concrete) (Any priority?)
3. Build iroha problem encountered
4. Which preferred OS? (Mac/ Win/ Linux)
5. Travel plan/ proof of work to travel back to the US
6. End of work date (8/15?)

8/23 Grad school starts

# Questions for me

# When can I work full-time

Option 1:

5/30/2021 End of my undergraduate

-> 8/20/2021 LFX summer mentorship program

**Work full-time after 8/20/2021**

Option 2:

8/23/2021 Start of UIUC grad school

5/14/2022 End UIUC

**Work full-time after 5/14/2022**

# Expectation of Week 2

# Thank you!