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## AI Lab

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**Date** Fri 3/7/2025 1:02 PM

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Hey All,

Thank you for your interest in being part of AI Lab (Interns need to do better as only one name had shown interest). This will be exciting journey that will demand lot of focus, work, and collaboration. Results will be amazing.

To keep it productive for all involved individuals following guidelines will have to be agreed to:

1. Be independent – Find the way as references and samples will be scarce.
2. Be curious – Look into how frameworks are working. Open source is open for a reason. Look into their codebase, learn how they are doing it and if needed fix it.
3. Be fast – Speed is the name of the game. We cannot procrastinate.
4. Bring conclusion – Whatever prototype you build, idea you explore, hypothesis you create, bring it to closure. It could be something that worked as you planned or something that failed miserably. Bring it to closure.

There will be lot that will depend on folks who become part of it so there will be a code challenge that is open with this email.

Challenge – Create an AI agent that takes in two parameters – requirement and expected output. This agent should open a webpage, enter some information based on requirement and perform some action like clicking button. After that it should validate results on webpage with expected output. If they match then test run is successful else failed.

Frameworks like langchain, langgraph, llamaindex, crewai are all open for use.

**Timeline: Begins now and ends on March 10 @ 10:30 AM Pacific Time**

Results of this code challenge will determine your eligibility for AI Lab.

Good luck and happy coding.

gaurav