

Team Name: StandAI
Group #3

Arya Miryala USCID: 9567678120
Grace Wu USCID: 1980098805
Hui Xie USCID: 7956658480

Meeting Minutes

Date	Description
2/18 3 Hours	All Members Present <ul style="list-style-type: none">- Met up to discuss the scope of Lab 6- Delegated tasks and walked through potential solutions- Spent the rest of the time discussing previous reports for resubmission- Redid Lab 4 portfolio structure and code<ul style="list-style-type: none">- Arya and Grace modularized the code into different sections- Hui rewrote the report and readme so they are more descriptive and read more like a report
2/19 3 hours	All Members Present <ul style="list-style-type: none">- Redid lab5 report- Hui implemented ocrmypdf pipeline- Grace developed the initial regex patterns for API numbers; however, testing revealed issues with "smashed" text merging well names into section headers- Arya initiated the search logic for DrillingEdge, identifying that explicit waits were necessary to handle the site's dynamic JavaScript rendering
2/20 2 hours	All Members Present <ul style="list-style-type: none">- Resubmitted lab4 and lab5- Discovered a critical bug where the

	<p>API regex only captured McKenzie County wells; rewritten the pattern to be Universal</p> <ul style="list-style-type: none"> - Standardized the normalize_api function to ensure all data keys match the ##-###-##### format required for the MySQL primary key
<p>2/21</p> <p>3 hours</p>	<p>All Members Present</p> <ul style="list-style-type: none"> - Faced Selenium timeouts due to resource exhaustion - Arya optimized the code to reuse a single browser session for all 46 wells, significantly increasing stability - Hui finalized the insertsql.py script, implementing an "UPSERT" logic that prevents duplicate entries while allowing sidetrack data to be updated. Also fixed web server for interactive map. - Grace finalized the interactive map with Leaflet clustering and color-coded markers based on well types