

Team Name: StandAI  
Group #3

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## Meeting Minutes

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

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