Current Tasks:

* Cleaning up data
  + Assigning by value chain

|  |  |  |
| --- | --- | --- |
| **Item** | **Assignee** | **Status** |
| Support |  |  |
| Storage/Distribution |  |  |
| Production |  |  |
| Manufacturing |  |  |
|  |  |  |

[NASEO\_Emerging Clean Hydrogen Workforce\_FINAL.pdf](https://wvww.naseo.org/data/sites/1/documents/publications/NASEO_Emerging%20Clean%20Hydrogen%20Workforce_FINAL.pdf)

[Hydrogen and Fuel Cells Career Map | Department of Energy](https://www.energy.gov/eere/fuelcells/hydrogen-and-fuel-cells-career-map)

[U.S. Department of Energy Hydrogen Program Plan](https://www.hydrogen.energy.gov/docs/hydrogenprogramlibraries/pdfs/hydrogen-program-plan-2020.pdf?Status=Master)

[Engineers | Careers in Energy](https://careersinenergy.ca/career-pathways/engineers/)

[Workforce Development and Education | Department of Energy](https://www.energy.gov/eere/wind/workforce-development-and-education?utm_medium=email&utm_source=govdelivery)

[TA\_H2-Workforce-Requirements-Assessment-Tool\_FINAL-1.pdf (transitionaccelerator.ca)](https://transitionaccelerator.ca/wp-content/uploads/2023/05/TA_H2-Workforce-Requirements-Assessment-Tool_FINAL-1.pdf#page=103&zoom=100,640,0)

[ed273802.tif.pdf](https://files.eric.ed.gov/fulltext/ED273802.pdf)

Dashboard Structure:

* Database: Choose how to store and manage data
  + MySQL: good option for complex queries
* API: Handle business logic, database interactions, and serve data to the frontend
  + Node.js with Express: Fast, scalable, and uses JavaScript for both server and client sides.
* Frontend: Simple, intuitive user interface for the dashboard that allows us to visualize the data effectively.
  + React: Offers reusable components, great for dynamic user interfaces.
* Authentication: Secure access to the application
  + OAuth: A standard for access delegation, commonly used as a way for Internet users to grant websites or applications access to their information on other websites without giving them the passwords.
  + JWT (JSON Web Tokens): Useful for passing the secure information between parties as a JSON object.