Intellectual and Developmental Disability Support System

Problem Statement: To provide services for individuals with intellectual and developmental disabilities to improve their education, employment and quality of life.

Description: Individuals with intellectual and developmental disabilities (IDD) face distinctive issues unlike those of the general population. These individuals are challenged with difficulties ranging from educational segregation to issues with healthcare access and occupational training. Our system provides support at state and local level for following:

- Identifying individuals with I/DD issues
- Providing hospital facilities to the individuals and their family members/supporters
- Providing educational and occupational training to prepare individuals to compete with general population

Components:

1) **Department of Disability Services (State Department)**: The Department of Disability Services (DDs) is the public agency responsible for the oversight and coordination of all services and supports provided to qualified persons with intellectual disabilities. Department of Disability Services and its providers offer skill development and support to help people with intellectual disabilities gain employment, start a business and improve their quality of life.
2) **Providers**: Responsible for helping individuals gain healthcare and other services and are linked with state government. They include hospitals and training centers.
3) **Hospitals**: Responsible for providing facilities and necessary support in terms of caregivers for individuals.
4) **Doctors**: Provide initial counselling sessions and report based on individual's interests.
5) **Nurses/ Caregivers:**
   - Works closely with individuals and families and provide facilities like scheduling appointments, monitoring and measuring individual's progress.
   - Coordinates with doctor and based on doctor's feedback works closely with training centers.
6) **Training Centers/ Trainers:** Responsible for training individuals and preparing them achieve their highest potential.
7) **Family/ Supporters:** Coordinate with caregivers regarding individuals progress.
8) **Individual with I/DD issues:** Individuals registered with providers and for whom the system is built for.

Work Flow:

1. Families/ Supporters register individual.

2. Hospital assigns doctors/nurses to individuals.
3. Doctors prepares reports and shares with nurses/caregivers.
4. Nurses/Caregivers responsible for scheduling appointments, monitoring progress, coordinating with training centers.
5. Training Centers receive data from hospitals and provide training facilities.
6. Training Centers and Hospitals coordinate to get the updates of individuals.
7. The cumulative data of each county is sent to the state department.

ECOSYSTEM DIAGRAM: