# DISABILITY AID

Submitted By:

Ann Mariya Shaju

Roll No:20

RMCA-A

Project Guide:

Ms. Meera Rose Mathew

# System Study

<u>Requirement Analysis</u>

## ➢ Project Overview

Disability aid is a comprehensive online platform dedicated to providing valuable resources, support and information for individuals with disabilities and their families, caregivers and the broader community. It create an inclusive and access a wide range of modules designed to address various aspects of disability, travelling concession, pensions, treatment, education. The core of our project centers around technology-driven solutions to enhance accessibility and independence. We plan to develop and promote innovative assistive technologies that cater to a wide range of disabilities. In summary, this project seeks to bridge the gaps in inclusivity and support for people with disabilities by addressing both technological and societal aspects.

## ➢ To what extend the system is proposed for?

A disability aid system is typically proposed to provide comprehensions support and support for individuals with disabilities, their families, caregivers and the broader community. It aims to address various aspects of disability aid enhance accessibility and independence. Here are some key areas to which the system is proposed:

- Support for disabilities
    : The primary focus is on provide assistance, resources, and tools to improve the life of individuals with disabilities.

- Information and education
    : The system should offer information and educational resources related to disabilities, treatments, rights and available support services.

- Education and training
    : support in finding and enrolling in suitable schools or education program is crucial for individuals with disabilities.

The system may provide information on inclusive schools, scholarships and special education resources.

- Healthcare and treatment
   : Access to healthcare services and treatment specific to the needs of the disabilities is an essential components. This may involve medical appointments and facilitating communication with healthcare providers.

➢ **Specify the viewers/public which is to be involved in the system?**

In the context of disability aid, several viewers or members of the public may be involved in the system. These individuals and groups play distinct roles in the support and implementation aid services.

- Disabilities:
   Disabilities are the primary beneficiaries. They are actively involved accessing utilising the support provided by the system such as medical appointment, accessing educational resources.
- Families and caregivers:
   1. Family member and caregivers of individuals with disabilities are closely involved in the support system.
   2. They may use the system to access information, schedule appointment, or care on behalf of the person with a disability.
- Medical professionals:
   Doctors, therapists and healthcare providers are essential viewers who use the system to provide medical care and treatments to disabilities.
- Government agencies:
   Public agencies responsible for disability support and welfare manage interact with the system to provide financial assistance, disability pensions to eligible disabilities.
- General public:
   While not directly involved in the system administration, the general public can benefit from the awareness and education efforts facilitated by the system. They may also provide support, donations to disability aid organisations.

➢ **Identify the users in the project?**

- **User**

  **Responsibilities:**

  - Login and register for the system.
  - Take doctor appointment.
  - View nearest schools.
  - Select panchayat.

- **Families and caregivers**

  **Responsibilities:**

  - Registering and creating profiles for disabilities.
  - Managing medical appointment and treatment schedules.
  - Accessing educational resource for support.
  - Communicating with healthcare providers, education and support organisations.

- **Medical professionals**

  **Responsibilities:**

  - Creating profile and managing patient records.
  - Viewing and confirming medical appointment request.
  - Communicating with patients and their families.
  - Providing medical assessments, treatments and prescriptions.

- **Educational Institutions**

  **Responsibilities:**

  - Sharing information about inclusive education programs.
  - Providing details about available scholarships.
  - Managing enrolment and admission process.

- **Administrators**

  **Responsibilities :**
  - Managing user account and access permissions.
  - Ensuring data security and system maintenance.
  - Addressing technical issues and user inquiries.

➢ **Who owns the system?**

  Ownership of development aid system often involves a collaborative effort among government agencies, nonprofit organisation, healthcare providers, educational institution and technology developers. Government agencies may oversee the core infrastructure, while nonprofits specialise in advocacy and support. Healthcare providers manage medical aspects, and educational institution contribute to educational resources. Technology may own assistive tools.

➢ **System is related to which firm/industry/organisation?**

  The disability aid system is closely associated with a network of stakeholders and organisation, including government agencies, nonprofits, healthcare providers, educational institutions, technology developments. These entities collectively contribute to the support, well-being and inclusion of disabilities.

➢ **Questionnaire to collect details about the project**
  1) **How the disabilities got travel concession?**
     Require a medical certificate or a statement from a healthcare professionals to confirm the disability and this certificate is uploaded by the user.
  2) **How can individuals with disabilities can request specific aids or service?**
     Individuals with disabilities can request aids or services by contacting the project website.

**3) What criteria are used to determine eligibility for receiving disability aids?**

Eligibility for receiving disability aids to often based on medical assessments, disability type, and individual needs, ensuring aid.

**4) How can i stay updated on the project's progress and activities?**

You can stay updated on the project by visiting the project's website or following its social media accounts.

**5) Where will these disability aids to be made available or distributed?**

The aids will be distributed through healthcare centers, disability support organisations and directly to individual need.

**6) Who are the key stakeholders in the project, and what role do they play?**

Key stakeholders include government agencies responsible for disability support, nonprofit organisations providing delivering medical services, educators, technology developers and community support groups,

**7) Who is the project audience for your project?**

The target audience includes disabilities, their families, Caregivers, medical professionals, educators, government agencies, and non profit organisations involves in disability support.

**8) Will you provide any aids for the local-guaidian?**

Yes, we will provide aashvasakiranam project for the parents which give an amount to the parents in every month through panchayat.

**9) What services does the transport agency?**

A transport agency provides free travel for which a medical certificate has to be uploaded.

**10) Where can I find more information about this disability aid project and its impact?**

You can visit our official website for detailed information about the project, its objectives and ways to get involved or receive support.

**<u>FEASIBILTY STUDY</u>**

     The disability aid is a comprehensive online platform to providing valuable resources and support for individuals with disabilities, caregivers and their families. The primary objective of this disability aid project is to develop a comprehensive online platform for disability aid. This study assess the study of project in terms of market demand, technical capability, financial viability and operational feasibility.

> ➢ **Technical Feasibility**

     Access whether the required technology(eg: voice and speech tools) are available and feasible to implements within the project budget and timeline. This study evaluates whether the proposed project is technically achievable given the chosen technologies resources and expertise. In the context of disability aid technical feasibility involves accessing whether the proposed technologies such as voice and speech tools, assistive listening devices can be effectively implemented within the project.

> ➢ **Economical Feasibility**
> The software's potential to generate revenue for the company is determined by the feasibility study. It takes to account things like the price of developing the programme, the anticipate costs for the hardware and software, the price of carrying out the feasibility study, and more. The method is being developed financially feasible in the context of this project. The web-based approach reduces the need for paper-based procedures, saving money. The generated data is available at all time. The organisation must decide on the message period.

Cost Efficiency: Providing early intervention and support can prevent more significant health-related expenses down the line, contribute to overall cost savings.

Cost Savings: By providing accessible information and support, individuals with disabilities may require fewer medical interventions, loading to reduce healthcare.

Time Savings: individuals with disabilities can access information and support more quality, which can be critical in emergencies or urgent situations

Convenience: 24/7 support in online platform and resources available, providing users with the convenience of accessing help and information of any time.

> **Operational Feasibility**

Operational feasibility in the disability aid system should be designed to address real challenges that people with disabilities face in their daily life. It provides appointment scheduling, it should genuinely make it easier for individuals with disabilities to access medical care. It needs to be user-friendly, both for individuals with disabilities and the organisation assisting them. People with disabilities, as well as the organisations providing aid, should embrace the system. It should offer clear benefits and be seen an a valuable tool for improving the quality of life for individuals with disabilities.