




ITW Assessment

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What is ITW

- Idiopathic Toe Walking
 - Autism community most effected
 - Starts at young age
 - Surgical Solutions
 - Diagnosis based on doctor experience
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Goals

- Quantitatively & reliably diagnose
- Website for practitioners & patients
- Separate logins
- Complex and simple data
- Compare to baseline





Functionalities

- Diagnose from home
 - Patients can view their data & diagnosis
 - Find ITW related articles
 - Practitioners can look up patient's data
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Approach and Tools

- AWS Amplify
- AWS RDS
- GitHub
- Visual Studio Code





Challenges & Resolutions

Technical Challenges:

- AWS Amplify
- AWS RDS
- Html & CSS
- Login

Resolve Technical Challenges:

- Learn Html, CSS
- Learn AWS Functionalities
- Research login and security





Milestone 1

Compare Technical Tools

Web Hosting Options:

- Vercel
- Google sites
- AWS Amplify

Database Hosting Options:

- MongoDB
 - Google Sheets
 - AWS RDS
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Milestone 2

- **Implementation:** Create the login for patients and practitioners
- **Test:** Login functionality as well as security
- **Demo:** Provide a demo of a successful login

Milestone 3

- **Implementation:** Connect database to website
- **Test:** Test the database functionality through the website
- **Demo:** Provide evidence of database functionality



Demo

[https://staging.d13od11ajb8vt
t.amplifyapp.com/](https://staging.d13od11ajb8vt.t.amplifyapp.com/)