

Progress Note Logging Application



ICS 499 Final Presentation
Badass Team Name (AKA Purple Hippos)

Introduction

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- Many autism centers use a paper-based progress note system, which is incredibly inefficient in practice.
- Paper workflow: print/fill/scan document -> print/sign/scan document -> parse signed scans by hand for billing information.
- Created a software to digitalize said workflow, saving time and paper.
- Worked with an actual autism center to build something truly useful

Product Data Sheet

WellNote

Note-Taking & Progress Tracking Software
for Autism and Therapy Centers



The Problem

Paper-based systems for managing progress notes are slow, prone to errors, and become unmanageable as your practice grows. They lead to inefficient workflows, create administrative burdens, and lack integration with essential tools. **Plus, they make it difficult to analyze data or identify trends**, which is crucial for improving care and operational efficiency.

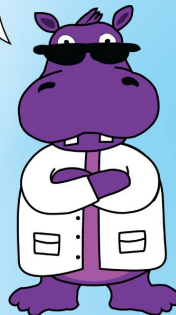
The Solution

WellNote is a comprehensive digital solution designed to **streamline the entire process** of managing progress notes in autism and therapy centers. By **digitalizing every step** — from note creation to final sign-off — WellNote eliminates the inefficiencies of paper-based systems. This makes it easy to track patient progress, analyze data, and improve operational efficiency, allowing you to **save time, reduce errors, and scale your operations** effortlessly.

Key Benefits

- ✦ **Digital Efficiency:** Seamlessly create, manage, and save progress notes with a streamlined sign-off process, minimizing errors and saving valuable time for healthcare professionals.
- ✦ **Scalability:** Effortlessly handle increasing patient loads with organized digital storage and powerful filtering tools, making it easy to track, find, and update notes as your practice grows.
- ✦ **Access Control:** Protect patient privacy and ensure regulatory compliance with robust authorization controls, allowing only authorized personnel to access specific notes.

Learn more at ph-notes.com



How It Works

- ✦ **Create Notes:** Effortlessly create detailed progress notes using a user-friendly interface designed for simplicity and speed.
- ✦ **Quick Save:** Save notes instantly with a single click, ensuring they are securely stored and easily accessible.
- ✦ **Digital Sign-Off:** Doctors can digitally review and sign off on notes, streamlining the approval process and reducing delays.
- ✦ **Filter and Search:** Quickly locate specific notes using powerful filtering and search tools, enhancing efficiency.
- ✦ **Secure Access:** Only authorized personnel can access notes, protecting patient confidentiality and maintaining compliance.

Story Map

Skeleton

MVP

Authenticate

Manage Notes

Admin Functions

Login

Create Note

Unhappy Path:
Invalid
Credentials

View Note

Logout

Browse
Notes

Change Note
Status

Filter Notes

Unhappy Path:
Invalid Note
Data

Unhappy Path:
Note Doesn't
Exist

Demo

Demo

ph-notes.com

- Authentication
- Authorization
- Note Creation
- Note Viewing
- Note Filtering
- Managing Note Status

Journey

Project Lesson Categorization

Communication/Teamwork

Real World Experiences

Technical Lessons

Sprint 0



Sprint 0

- Decided project topic
- Brainstormed ideas for scope of project

Lessons Learned from Sprint 0

- Scheduling meetings
- Many ideas for the project; managing our own expectations/compromising
- How to collaboratively work on code

Sprint 1

Sprint 1



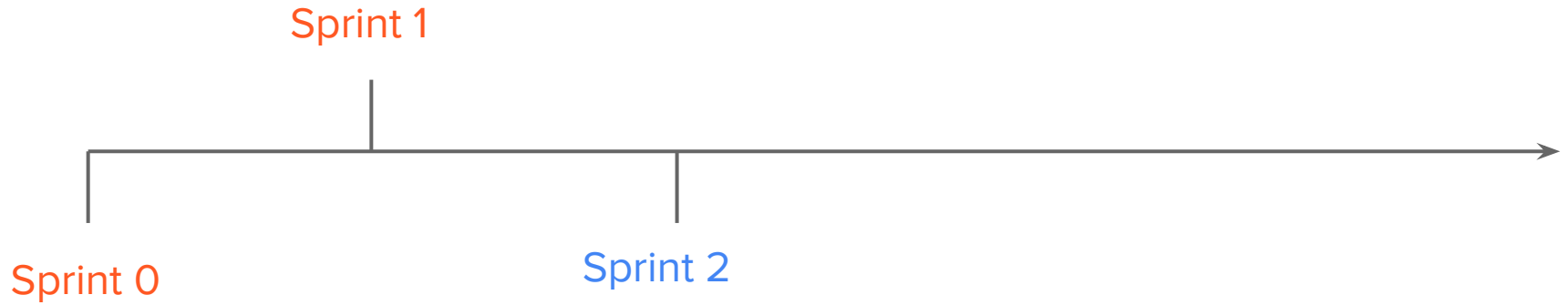
Sprint 0

- Requirements gathering
- Decided on tools
- Set up Go server framework and static UI

Lessons Learned from Sprint 1

- Work distribution
- Writing requirements
- Communicating our broad ideas in focused way
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Sprint 2

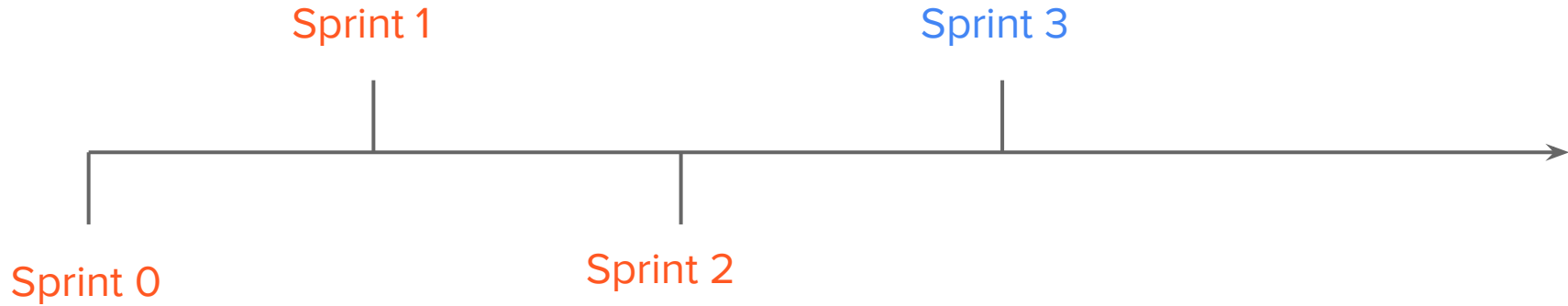


- Start work on database model and authorization
- Complete skeleton of project
- Meet with Autism Center for feedback

Lessons Learned from Sprint 2

- Reworking scope; bit off more than we could chew
- Different ideas on how to do something
- Learning how to communicate directly
- Focusing features into hierarchy of importance
- New technologies:
 - Different architecture and patterns: Go
 - Deploying live
 - Templated webpages
 - Authentication
 - Database connections

Sprint 3

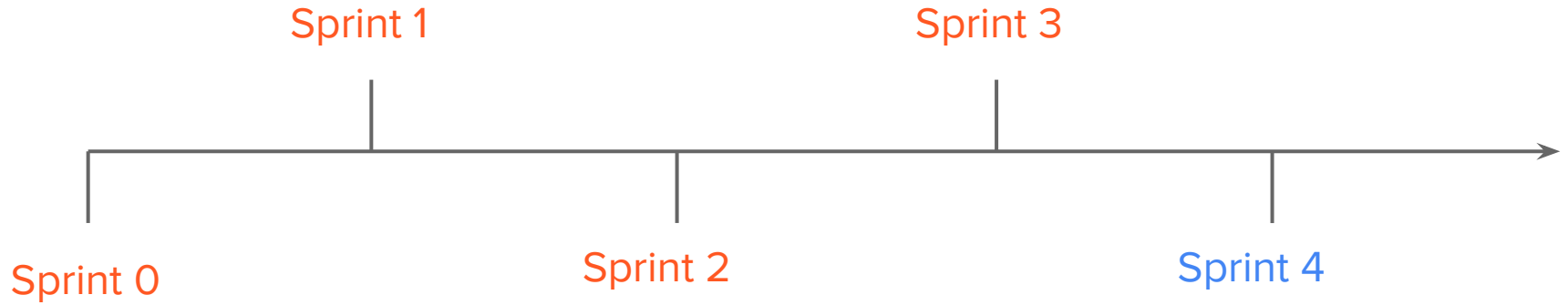


- Finish MVP stories
- Modify database and core architecture where necessary
- Present project skeleton to center

Lessons Learned from Sprint 3

- Keeping everyone up to date
- Following requirements and changing them
- Listening to feedback from center and adjusting
- Working with non-technical people from the center
- Adapting to pace of development

Sprint 4



- Update existing features based on Center feedback
- Final features implemented
- Finishing touches

Lessons Learned from Sprint 4

- Changing scope and expectations
- Sometimes perfecting existing features is better than adding new ones

Project Future

Further development

- Adding more admin functionality
- Making sure security exists on all levels of project
- Adding testing functionality as the project grows
- Investigate requirements for HIPAA compliance