

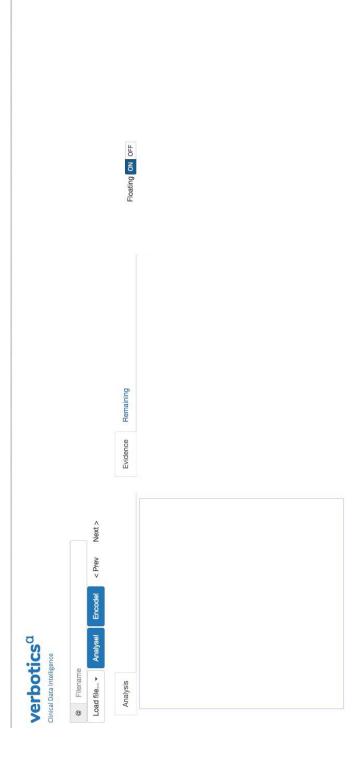
Verbotics^α

By Rey Sarmiento, Sajana Wijesinghe, Gursimar Singh, Bryon Ferrer & Igli Ajdini

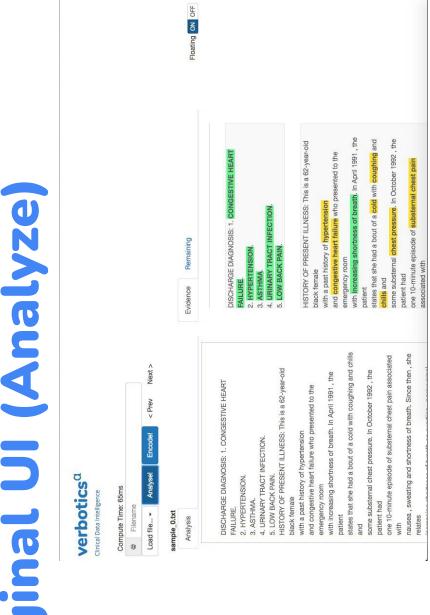
Overview

- Verbotics is a website designed to help medical coders come up with the billing codes for each medical report they receive.
- The website will read the medical report and produce the bill codes
- The medical coder still has to check if the output is still correct

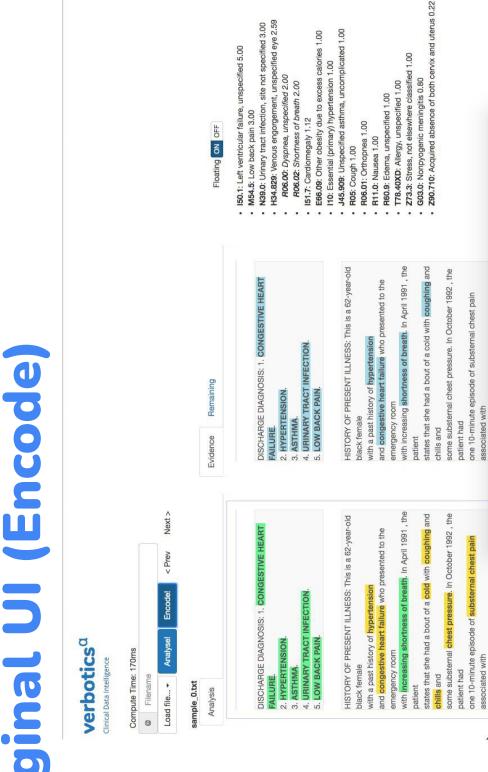
Original UI (Loaded Page)



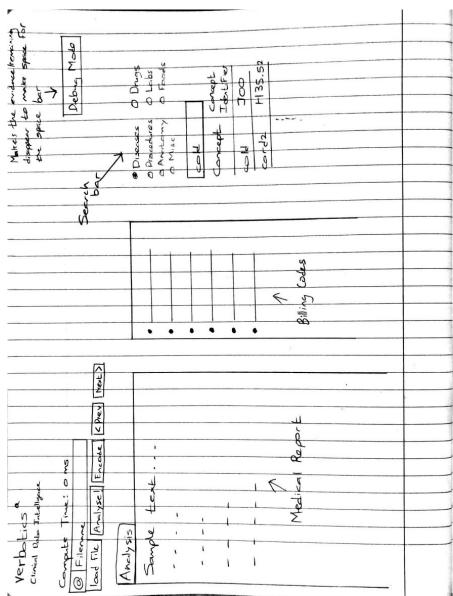
Original UI (Analyze)



Original UI (Encode)



Planned U



Debug Mode







075.89: Other specified complications of labor and delivery 1.32

R06.00: Dyspnea, unspecified 2.00 R06.02: Shortness of breath 2.00

Floating ON OFF

Search Bar

Verbotics^Q Clinical Data Intelligence

Compute Time: 66ms

@ Filename

Analysis

Debug mode

Concept H35.52 M04.2 D59.1 D59.6 Floating ON OFF 200 Procedures Labs O Diseases O Drugs Anatomy | Food hemoglobinuria hemoglobinuria hypersensitivity Concept cord2 cold Misc cold Next > with increasing shortness of breath. In April 1991, the states that she had a bout of a cold with coughing and some substernal chest pressure. In October 1992, the HISTORY OF PRESENT ILLNESS: This is a 62-year-old DISCHARGE DIAGNOSIS: 1. CONGESTIVE HEART and congestive heart failure who presented to the one 10-minute episode of substernal chest pain < Prev with a past history of hypertension Load file... - Analysel Encodel 4. URINARY TRACT INFECTION. 5. LOW BACK PAIN. 2. HYPERTENSION.

3. ASTHMA.

emergency room

black female

nausea. sweating and shortness of breath. Since then.

associated with

patient had

chills and

patient

Edit & Add & Delete

Add Edit

• Item 1
• Item 2
• Item 3

Add Edit Edit Item 2

• Item 1
• Edit Item 2
• Item 3

• Item 4

Add Edit Item 4

• Item 1
• Item 2
• Item 3
• Item 3

Delete Add Edit

• Item 1
• Item 3
• Item 4

Limitations

Knowledge

Limited scope of knowledge on JS and jQuery

Syncing

The Add/Edit and Search bar functions work separately but the challenge we are facing now is to make them work in sync.

Design

Couple of flaws in the design including the Debug button and the use of white space in the website.

Questions