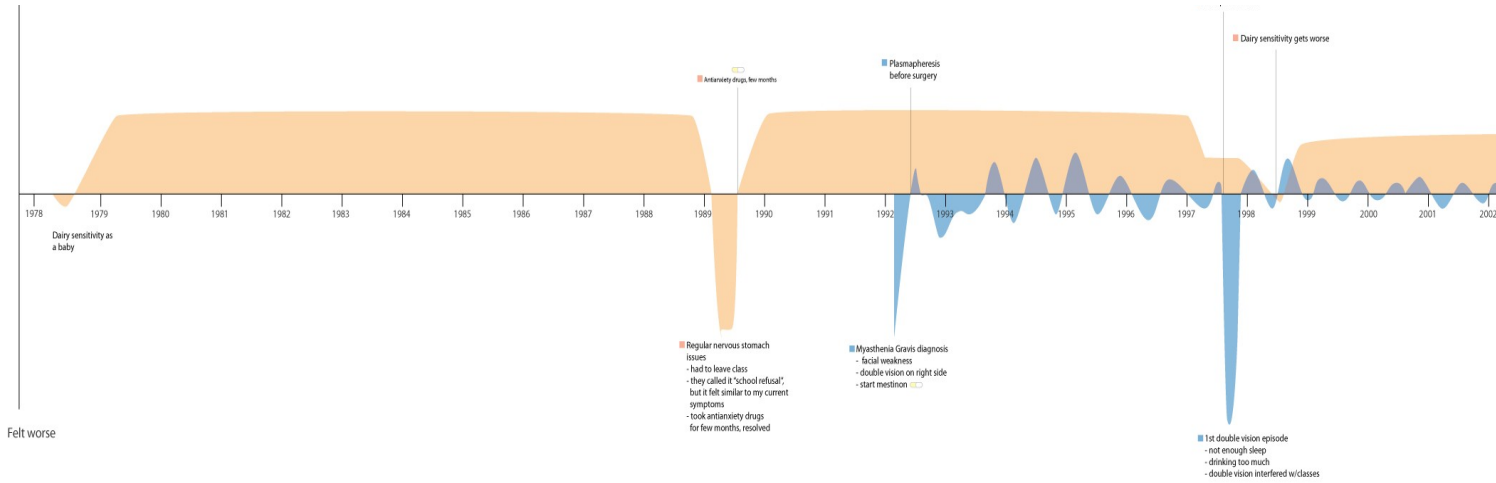
TimeMiner

Mohammad Ahmadzadeh
Alok Hota
Tyler Plunkett



What is TimeMiner?

Find world events by analyzing clusters of Wikipedia articles

Create visualizations depicting occurrence and mutation of events

Clustering

Static strength

Relatively stable

Link backs

Common editors

Common references

Syntactic correlation

Clustering

Static strength

Relatively stable

Link backs

Common editors

Common references

Syntactic correlation

Dynamic strength

Can change rapidly

Number of edits

Number of views

Based on temporal similarity

Purpose of strengths

Static strength

Connection weight

Dynamic strength

Occurrence and importance

Visualizations

Time-line of historically notable world events

Graph cluster showing connections between articles over time

Any questions?