Sherlock

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{ Sherlock }
The Most Powerful Way to Remember What You Study
Learning was your Job?

Most of us are graduating fairly soon
Learning was IS your Job

But learning isn’t over
Learning was IS your Job

Lifelong learning = key to your success
Formal education will make you a tool. Self-education will make you a threat.
As training moves to more digital formats, it's colliding with new realities in learners' jobs, behaviors, habits, and preferences.

Today's employees are overwhelmed, distracted, and impatient. Flexibility in where and how they learn is increasingly important. They want to learn from their peers and managers as much as from experts. And they're taking more control over their own development.

1% of a typical workweek is all that employees have to focus on training and development.

Sources:
- "The Overwhelmed Workplace: Simplify It, Imagine It" - Deloitte University Press
- "The Knowledge worker's Day"下班
- "Make Time for the Work that Matters" - Accenture Knowledge
- "Collaboration & Social Tools Drive Business Productivity, Driving Efforts in Work Interceptions" - Forbes
- "Creating a Culture of Engagement" - Cognizant
- "How to Use a Checklist for Campus Radio" - The Chronicle of Higher Education
- "The Rise of the Knowledge Worker" - Harvard Business Review
- "Organizational Performance How It Really Shapes Your Future" - Harvard Business Review
- "Training Gets an Extreme Makeover" - Inc.com
- "Hanna's Performance Dyes: Learning to Learn and by How Much?" - University of Massachusetts
- "Collaboration & Knowledge Sharing: The New Economy" - Deloitte University Press
- "The Rise of the Knowledge Worker" - McGraw-Hill
Overwhelmed.
The Summer Slide

During the summer months, disadvantaged children tread water at best or even fall behind. It’s what we call "Summer Slide" while better off children build their skills steadily over the summer months.
Introducing The Forgetting Curve

The Biggest Obstacle to Learning

The Forgetting Curve

Our brains forget exponentially, which means this makes learning much more difficult. People forget almost all we learn.

After just 2 days, most of what we learned is forgotten.

Spaced Repetition allows us to take advantage of the forgetting curve and ensure long-term retention.
We’ve all forgotten
Most of what we’ve learnt
Sherlock solves this problem

Sherlock is a cross-platform flashcard app that uses spaced-repetition to maximize retention and minimize time spent studying.
Our mission

To make long term learning easier for as many people as possible by developing the ultimate tool for memorization and long term learning.
What is spaced repetition?
Introducing Spaced-Repetition
The Best Way to Learn

Forgetting curve for newly learned information

% Memory retention

Weeks

1st repetition

Forgetting curve

1st repetition

2nd repetition

3rd repetition

4th repetition

Days
How we did it
Our Team

Our Blend of Creativity and Technical Wizardry

James Gelok
Team Lead

Jared Butler
Logic Captain

Sam Mahan
Database Captain

Donovan
Design
Development

MongoDB - Database
Express - Server Framework
React - View Framework
Node -- JS Runtime Env.
Technologies

1. MERN Stack
2. Source & Version Control: Git/GitHub
   a. Trunk-based development
3. Continuous Integration: CircleCI
   a. Watches repository and tests incoming code automatically
   b. Auto-Deploys if tests are fully successful
4. Heroku
   a. Hosts backend API
5. Cross Platform App Development Toolchain
   a. Builds App from cross platform to native code
Spaced Repetition #1
The most efficient way to learn.

Multi-Sided Cards #2
Not just 2-sided cards, but also n-sided cards!

Personalization #3
Eventually, we will learn your forgetting curve and tailor the experience to maximize fun and learning!

Gamification #4
Make learning fun!

At Point of Need
What you want, when you want it, on your mobile device and beyond.

Custom Cards #6
Customize your learning experience and learn to your heart's content.
Future Plans

Advanced Sharing
Users will be given more ways to connect with each-other, make public and private designated decks, and make public and private folders for organizing decks

Gamified Formats
Data will be dynamically displayed in different ways based on what the user prefers

Fun extras
Reminders, themes, and other personalization.

Locations
Add more Geolocations, other language support, and more providers for links
More Future Plans

- **Push to app store an optimizations**
  Work with user data and

- **Methods of Monetization**
  We make long term learning easier for as many people developing the ultimate tool for memorization and learning.

- **At the Point of Need**
  Desktop Browser versions coming soon.

- **Dopamine’s Role In Memory**
  Education vs Distractions
Get The App
Coming Soon

Thank you for listening. Any questions?