Sherlock

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Sharpening Intellect | Deepening Christian Faith | Inspiring Action

Messiah College is a Christian college of the liberal and applied arts and sciences. Our mission is to educate men and women toward maturity of intellect, character and Christian faith in preparation for lives of service, leadership and reconciliation in church and society.
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 better employee. Self-education will make you a better boss.

--Jim Docker
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.

**OVERWHELMED...**

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

**DISTRACTED...**

- People unlock their smartphones up to 9 times every hour.
- Knowledge workers are constantly distracted with millions of websites, apps, and video clips.

**IMPATIENT...**

- Online, designers now have between 5 and 10 seconds to grab someone's attention before they click away.
- Workers now get interrupted as frequently as every 2/3 minutes—ironically, often by work applications and collaboration tools.

**UNTETHERED**

- Today’s employees find themselves working in nontraditional ways to accommodate the demands of a 24/7 environment. This is expected to become more commonplace by the end of 2015.

**ON-DEMAND**

- Employees are accessing information—they’re looking for an unlimited number of development channels. For example:
  - To learn what they need for their jobs, employees access:
    - search engines: 70%
    - online courses: 50-60%

**COLLABORATION**

- Collaborators are developing and accessing information about their industries and businesses.
  - ~80% of workforce learning happens via on-the-job interactions with peers, teammates, and managers.

**EMPOWERED**

- Rapid change in business and organization learning. More and more people are learning how to learn, aren’t getting what they need from traditional training, and are using their own time and tools to learn.
Overwhelmed.
The Summer Slide

During the summer months, disadvantaged children tend to tread water at best or even fall behind. It's what we call "Summer Slide". The learning gains that children made during the school year can be lost in just two months of summer break.
Introducing The Forgetting Curve

The Biggest Obstacle to Learning

The Forgetting Curve
Our brains forget exponentially, so this makes learning much more challenging.

- People forget almost immediately after we learn.
- After just 2 days, most of what we learn is gone.
- Spaced Repetition makes the most of the natural forgetting curve.
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 is to make long-term learning easier. By developing the ultimate tool for memorization and long-term learning, we aim to help as many people as possible.
What is spaced repetition?
Introducing Spaced-Repetition

The Best Way to Learn

Forgetting curve for newly learned information
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.
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
Sherlock
Don't Forget

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, on your mobile device and more.

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

**Local**
Add more providers and other links.
More Future Plans

**Tweak for users**
Work with user data and

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

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

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

Thank you for listening.

Any Questions?


Don't forget to check out our website!