Finemate Draft 1.0.0

It's 2022 learning is a piece of cookie, I want to make it a piece of cake!

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Introduction

Finemate is a software platform that offers a range of services to help students and professionals retain knowledge and improve their cognitive abilities. It includes a Retention Engine that employs techniques such as the Leitner system, visual elements, paraphrasing, scaffolding, and personalized content to help users retain knowledge in the long term, reduce confusion, and better understand concepts. In addition, Finemate also offers student and employee management systems, and it includes gamification elements such as quizzes to help users engage with the platform. It is designed to provide a comprehensive solution for institutes, addressing all of their students' and employees' requirements.

Objective:

The objectives of Finemate are very simple and straightforward:

- To mitigate forgetting & incomplete cognition and help students understand concepts more deeply and retain knowledge more effectively.
- To connect learners and share different perspectives, thus learning better.
- To provide an advanced student management system to institutes.
- To build confidence about whatever they have learnt by eliminating confusion.
- To connect knowledge with dopamine.
- To replace mindlessly scrolling with mindful scrolling.
- To Scaffold complex topics.

Problem Domain:

- A majority of Institutes from Tier 2- Tier 3 Cities doesn't have a Web Presence and those who have a website lacks basic functionalities & student management system.

- We humans face a common problem of forgetting things, incomplete cognition, confusion between similar theories. Furthermore, students open their books a day before exam.

- Lack of relatable analogies which can impart knowledge quickly.

- There isn't personalized teaching approach on the basis of most active memory (photographic, auditory. etc.), what person forgets often and existing knowledge base

- Institutes lacks proper monitoring of who is entering its premises and when.

- Canteen owners face scalability issue and Monitoring issue. On the other hand, due to crowd at lunch time students can't manage their time.

- Student Management Systems are outdated. Institutes lack a Good UI/UX and the existing Student management systems does not fulfill all the students and institutes requirements.

- Students have to carry multiple cards: one for Identity, one for Library, one for payment.

- The problem with UPI is that firstly, most of the institutes are located in countryside which are the zones of poor network penetration and students face network issues so online payments does not go well. Secondly, paying directly through bank account makes it difficult to manage our expenses as number of transactions increases as you pay through UPI for every day-to-day transactions making it difficult to sort out for exemptions and deductions if you pay taxes. Thirdly, paying through UPI is very much time consuming its huge process steps to be followed for Online transaction through UPI unlock phone> Turn ON data> find payment app> unlock payment app> Scan QR code> Enter Amount> Enter password. Fourthly, paying through hardware(card) is a better user experience than software(Electronic wallets). Paying through card make them feel richer so it's a better user experience.

- Students lack information and sometimes misinformed.

- Students aren't updated with what's going in their specific industries.

- Long Webinars and Classes aren't Intriguing so students merely pay attention due to shorter attention span arose due to social media and short video format.

- Furthermore, students study just to pass the exams and study a day before exams due to which they do not build knowledge and hence could not retain things for longer period of time.

- In India students encounter working culture so late unlike Western countries. So instead of being dependent on pocket money students can either sell there products (artworks, stationary, books. etc) or services (sketches, graphic designing etc).

- Institutes doesn't develop soft skills.

- Institutes have to arrange special classes for placements and moreover there isn't any system to make students retain what he has learnt in 2nd semester till placements and throughout life.

- Even in 2022 we keep focusing on theoretical knowledge rather than doing things practically and helping students with applications.

- Poor Monitoring system which can be aid by software in numerous ways.

- Networking is a major problem faced by students. Students have lots of friends but there is no medium to connect with like-minded people.

- Knowledge is directly proportional to confusion. As you will know more from multiple domains and multiple sources the more confused you will be.

- Depleting attention span and lack of motivation(the only motivation that currently drive students to study is marks and exams comes in months of gaps)

- Different students have different cognition level and cognition capacity. Furthermore, a specific teaching methodology can be optimum for a subset of students but not for entire set. Some students prefer Top-down approach while some prefer Bottom-Up approach. Then there are students who prefer Top-down for certain concepts while bottom-up for certain topics.

- Practice makes a man perfect but practicing is time consuming and not a fun task.

- Data Reliability(getting reliable information), Data Integrity(getting same data in different posts but certain times we get contradictory data), Data Veracity(getting accurate data, certain times we get inaccurate data and we retain that inaccurate data), Data value(getting valuable data), data volume(reading, retaining, reviewing knowledge in large volume and going in depth), data velocity(knowledge is generated in high velocity), data viscosity(suppose some developer made a testing tool in Japan but you aren't aware about it due to data viscosity), data variability(getting varied data from different sources and getting confused about which one is accurate and what to believe and retain on), information overflow(getting lot of information and comparatively less useful information), data management(managing all the posts, notes etc study material so next time you won't have to worry about finding it)

- Bragging and unsocial media. Bragging should be there with a different user experience as current ones in LinkedIn, Instagram just deteriorates user experience and decreases user engagement by fancy lifestyle of there friends/following.

- Employers don't have any idea of an employee's real-time knowledge base. On How much he has retained, whether he is actively revising things that he knew at the time of hiring or not.

Solution

- **Retention Engine:** It employs techniques such as the Leitner system, photographic elements, paraphrasing, scaffolding, gamification, short-form & long-form video lectures and personalized content in a social media alike user interface.
- **Social Learning App:** You can learn from people with different teaching styles, perspectives, and memory aids, and connect with other learners who share your interests and goals. This allows you to expand your knowledge and skills beyond the boundaries of your classroom.
- **Learning Management System:** It is a comprehensive platform that provides a range of tools and resources to help institutes manage their students and improve the learning experience.
- **Portfolio:** You can create a live portfolio of your skills, works, achievements, and your knowledge base.
- **Blogs:** You can create vlogs and break them into byte-sized posts.
  Blogs -> Microblogs -> Blogs.

Who will need Finemate?

Learners, Institutes and People looking for intelligent friends.

About Me:

Name: Akshat Jain Bafna

Age: 22

Education: B. Tech in Information Technology (2018-22) from SVVV (Indore, MP)

Why I think I am the right candidate to solve this problem: I am intrinsically motivated individual who believes in radical thinking about the problem. I have invested time to understand the problem itself and deriving the complex solution to make learning easy for me and everybody. I was a student recently so I know how does student thinks.

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My View on Entrepreneurship:

You might be skeptical about why is this column mentioned. So I think to judge someone better you have look upon things how he/she thinks.

So, I believe Business is majorly about psychology later comes demand-supply, supply chain, technology, marketing, designing, etc. I think one should really get deep into core human motivation and understand the problem better than others firstly, to build a solution upon. And as I myself is the victim of the problem I understand it pretty well.

You might be thinking that why are two totally different features are together in a platform but all the elements I have combined in this solution are for a reason.

I think instead of one major revenue streams there must be 10 minor revenue streams likewise just one core element to drive sells there should be different faces for better positioning and all those positions should not overlap.

Talking about business it should not look lucrative and easy to avoid competitors in large number.

There are two types of Entrepreneurs: One who just grab the opportunities, they will earn whatever means they get, I am the other one.

The difference between watching videos of How to earn on Discord vs How Discord makes money, Getting the real business intend.

Thank You for giving your valuable time to read this document. And I would love to know your opinions on retention.