

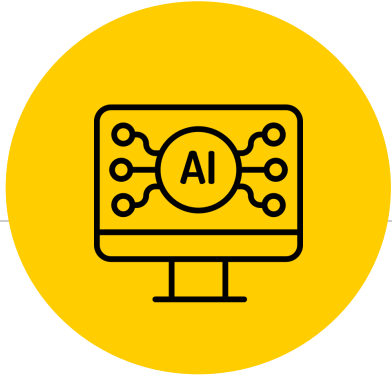
AI-assisted Budget Keeper

Money management done easier by AI



Team Members (Project ID)

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Introduction

What is our product?

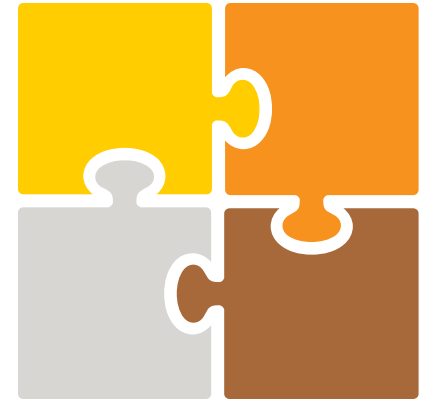
An AI-assisted digital budget keeper



Background & Motivation

- ◎ **Personal finance** is really important now
 1. Complex financial markets
 2. Different financial products available

- ◎ **Budgets**
 1. Spot poor spending habits
 2. Act as first step





Data from FLat World Project

Authors	Country	Year of data	Interest rate Q		Inflation Q		Risk divers. Q		All 3 correct (%)	At least 1 do not know (%)	N
			Correct (%)	DK (%)	Correct (%)	DK (%)	Correct (%)	DK (%)			
Lusardi and Mitchell (2011c)	USA	2009	64.9	13.5	64.3	14.2	51.8	33.7	30.2	42.4	1488
Van Rooij, Lusardi, and Alessie (2011)	Netherlands	2010	84.8	8.9	76.9	13.5	51.9	33.2	44.8	37.6	1665
Bucher-Koenen and Lusardi (2011)	Germany	2009	82.4	11.0	78.4	17.0	61.8	32.3	53.2	37.0	1059
Sekita (2011)	Japan	2010	70.5	12.5	58.8	28.6	39.5	56.1	27.0	61.5	5268
Agnew, Bateman, and Thorp (2013)	Australia	2012	83.1	6.4	69.3	13.0	54.7	37.6	42.7	41.3	1024
Crossan, Feslier, and Hurnard (2011)	New Zealand	2009	86.0	4.0	81.0	5.0	49.0	2.0	24.0	7.0	850
Brown and Graf (2013)	Switzerland	2011	79.3	2.8*	78.4	4.2*	73.5*	13.0*	50.1*	16.9*	1500
Fornero and Monticone (2011)	Italy	2007	40.0*	28.2*	59.3*	30.7*	52.2*	33.7*	24.9*	44.9*	3992

figure 1: ½ of findings from the FLat World project across 15 countries,
<https://link.springer.com/article/10.1186/s41937-019-0027-5/tables/2>



Data from FLat World Project

Authors	Country	Year of data	Interest rate Q		Inflation Q		Risk divers. Q		All 3 correct (%)	At least 1 do not know (%)	N
			Correct (%)	DK (%)	Correct (%)	DK (%)	Correct (%)	DK (%)			
Almenberg and Säv-Söderbergh (2011)	Sweden	2010	35.2*	15.6*	59.5	16.5	68.4	18.4	21.4*	34.7*	1302
Arrondel, Debbich, and Savignac (2013)	France	2011	48.0*	11.5*	61.2	21.3	66.8*	14.6*	30.9*	33.4*	3616
Klapper and Panos (2011)	Russia	2009	36.3*	32.9*	50.8*	26.1*	12.8*	35.4*	3.7*	53.7*	1366
Beckmann (2013)	Romania	2011	41.3	34.4	31.8*	40.4*	14.7	63.5	3.8*	75.5*	1030
Moure (2016)	Chile	2009	47.4	32.1	17.7	20.9	40.6*	N/A*	7.7	53.1	14,463
Boisclair, Lusardi, and Michaud (2017)	Canada	2012	77.9	8.8	66.18	16.13	9.36	31.29	42.5	37.23	6805
Kalmi and Ruuskanen (2017)	Finland	2014	58.1	6.1	76.5	6.4	65.8	10.25	35.6	14	1477

figure 2: ½ of findings from the FLat World project across 15 countries.

<https://link.springer.com/article/10.1186/s41937-019-0027-5/tables/2>



Data from FLat World Project

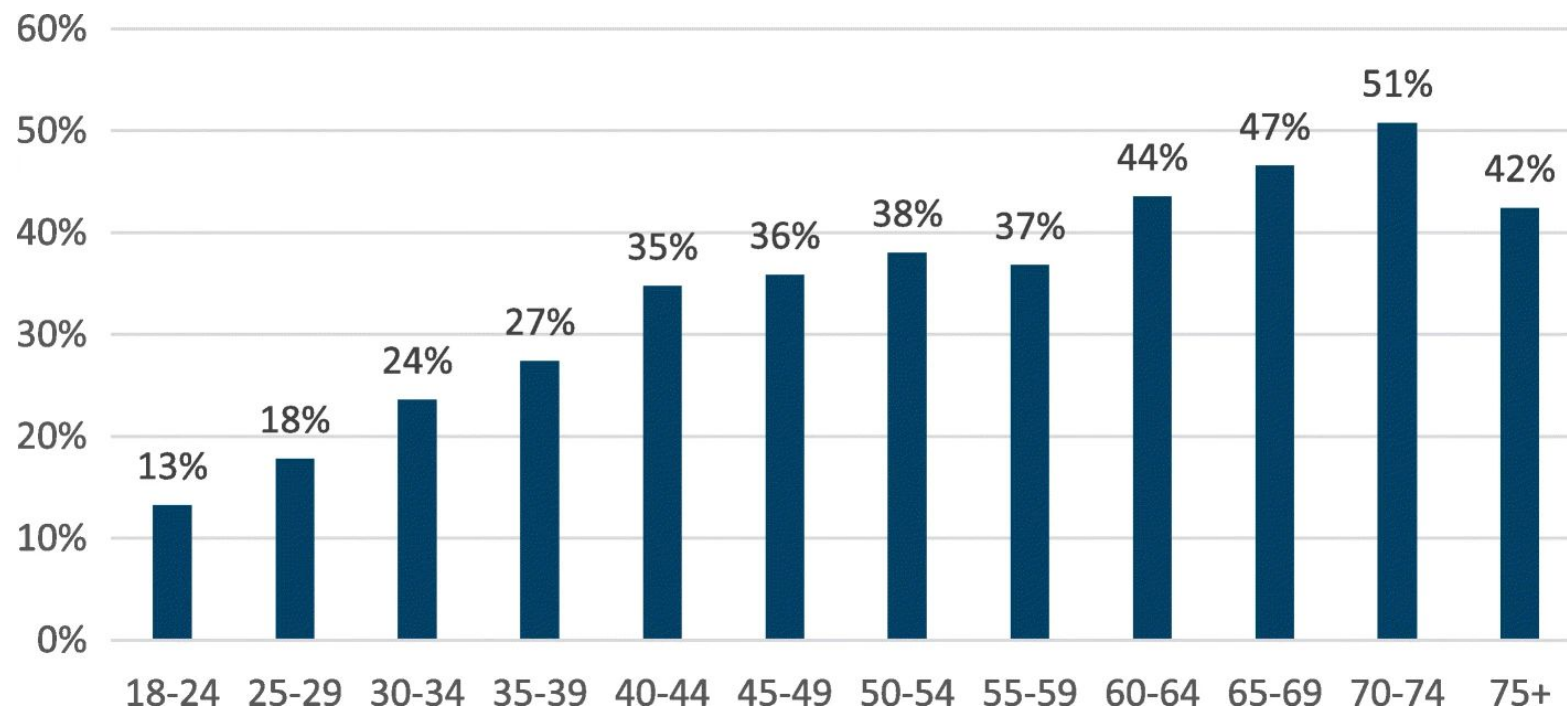
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figure 3: Highlights of these 3 countries.

<https://link.springer.com/article/10.1186/s41937-019-0027-5/tables/2>



What is the target market?



Financial literacy across age in the USA. This figure shows the percentage of respondents who answered correctly all Big Three questions by age group (year 2015). Source: 2015 US National Financial Capability Study.



Existing Solution No.1

Nerd Wallet

- **Advantage**

Many Features to increase financial literacy

- **Disadvantages**

Overflow of choices

Trustability issues, link accounts





Existing Solution No.2

Workday

- **Advantage**

Can Scan receipts

- **Disadvantages**

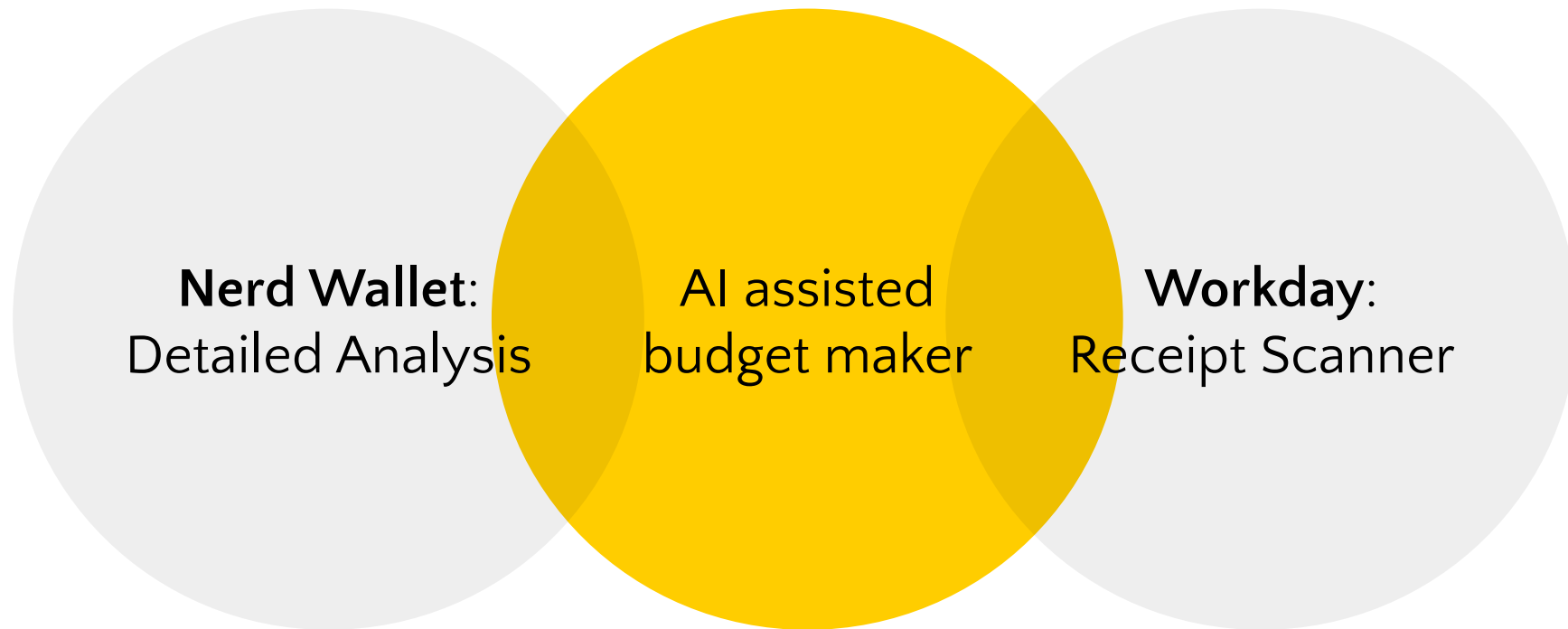
Needs money to use

Aimed at business use = complex registration





Our solution





Features

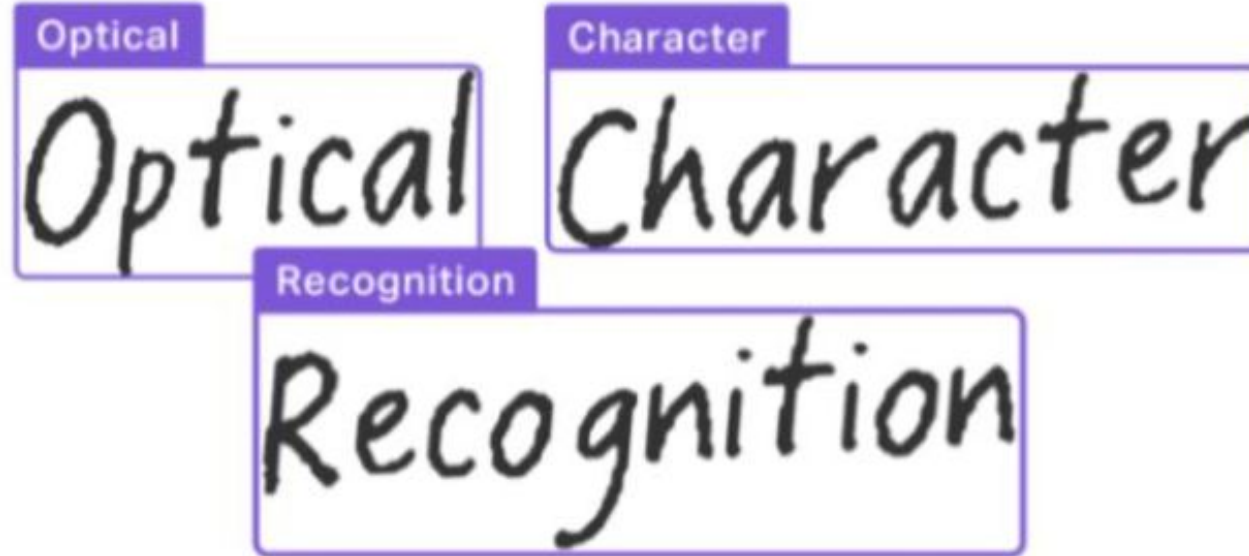
- Receipt scanner
- Automatic comprehensive budgets
- Timely reports





Our Technology

We will use **Optical Character Recognition** to search for keywords in the receipt.





Key differentiators

1. Simple

Suitable for beginners, just like how budgets act like first steps

2. Ease of use

Uses AI technology to optimize user experience

3. Open source

We don't aim to make profits. Everyone can edit it to cater to their own needs



Timeline

December

January

February

March



Basic UI



Receipt scanner



Automatic
budgets & timely
reports



Finalisation



Marketing

- Social media

We will make use of social media platforms such as *Instagram, Twitter, Reddit* to market our product





Future work

- ◉ Add more features
 - **Voice recognition** to input expenditure
 - **AI** to analyse spending habits
- ◉ Better UI
 - Add more **customizable** aspects, e.g. font, background
- ◉ Better marketing
 - Create **website** for our product



Thanks!

Contact details:

- Email: N/A
- Website: N/A