

# My NextLvl

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# What is MyNextLvl?

MyNextLvl is a reminder application for doctor & medication reminders

Target Users:

- Adolescents ages 12-21
- Those with medical health conditions

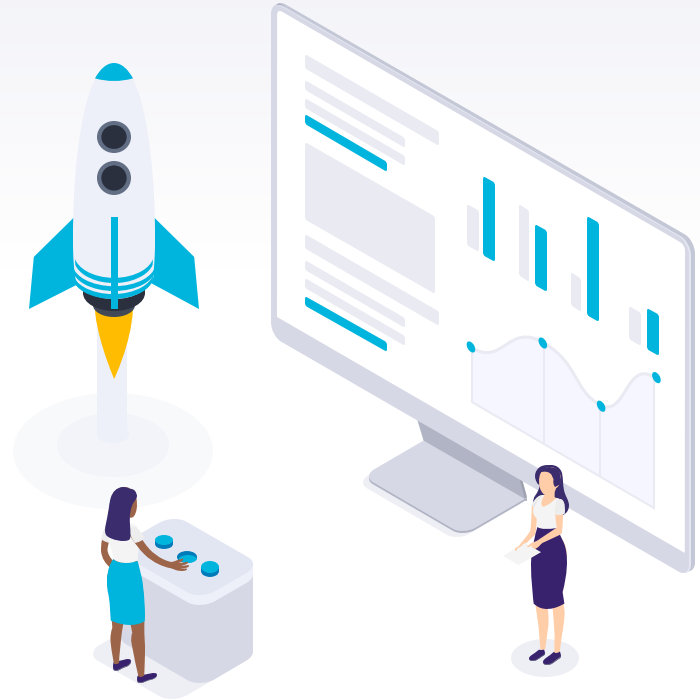


# Project goals

- ▶ Efficient and user-friendly interface
- ▶ User-centered
- ▶ Tasks completed in under 30 seconds

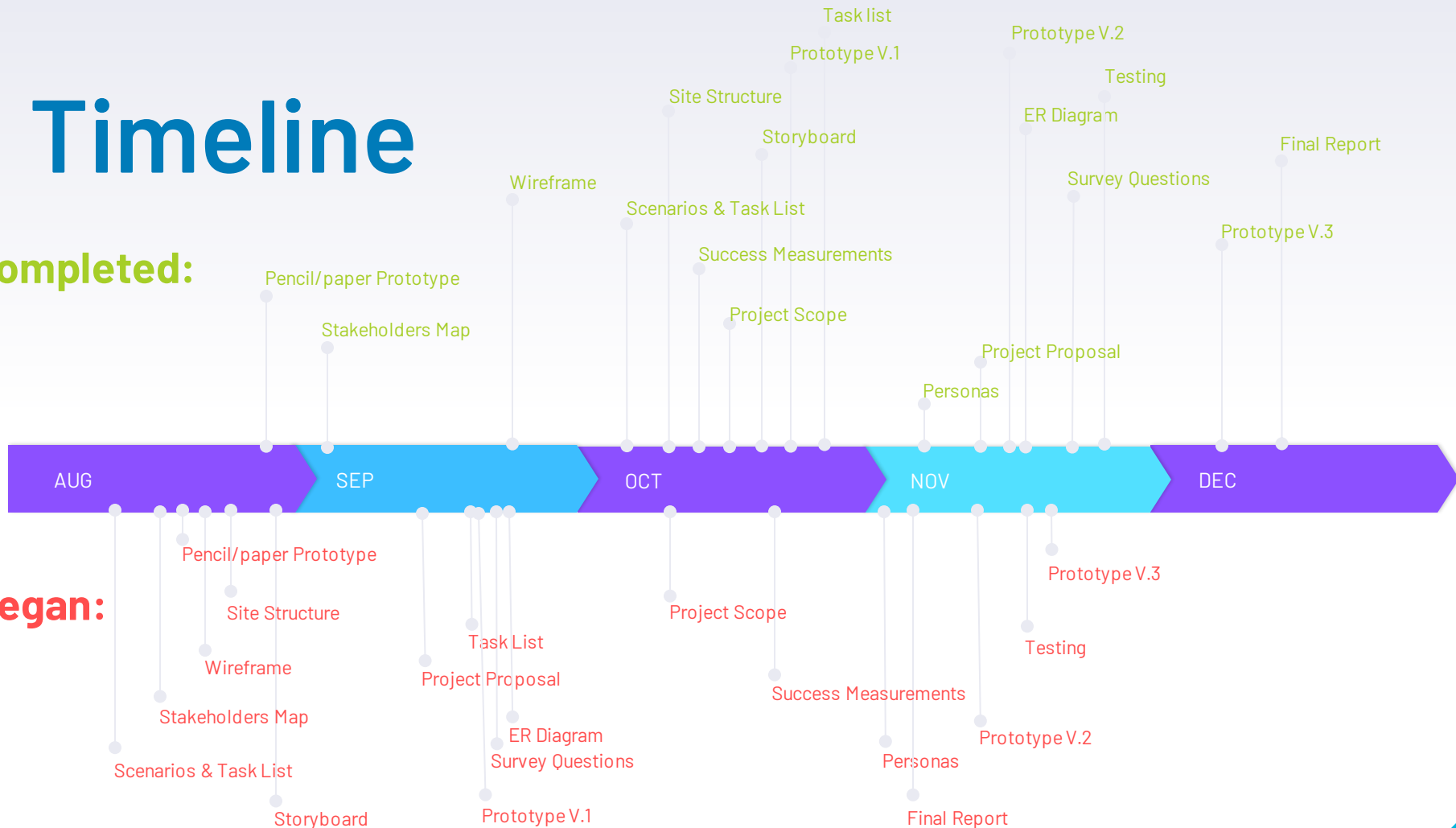
Deliverable:

- ▶ Improved prototype version



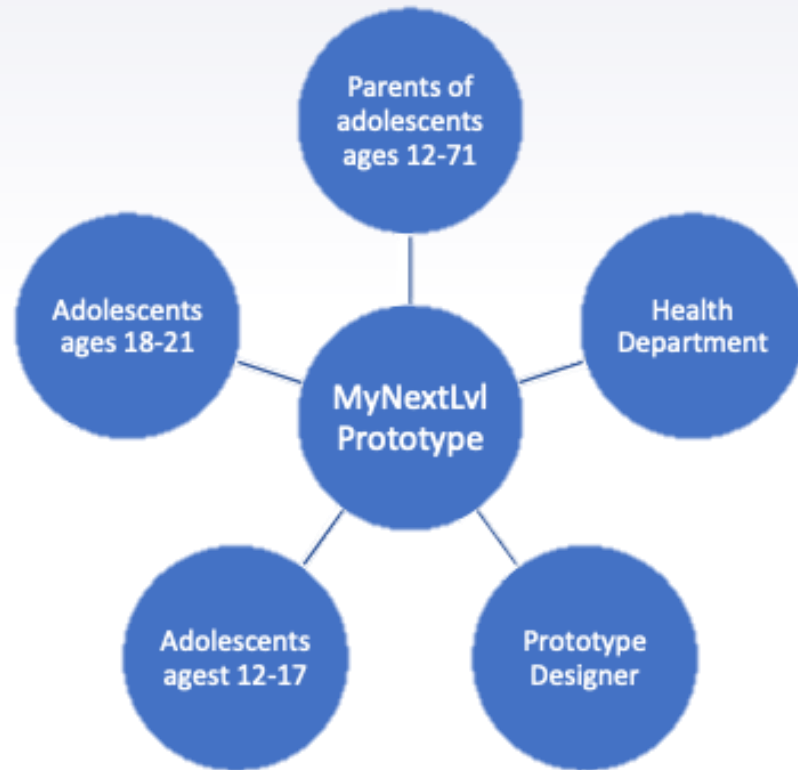
# Timeline

Completed:



Began:

# Stakeholders



# Scenarios & Storyboards

Scenarios

Scenario 1: **Gabby changed her insurance and wants information** | **Gabby logs onto her MyNextLvl**

Scenario 2: **Glen wants to learn more about his medical condition** | **Glen logs onto his MyNextLvl account to search for information on his medical condition**

Scenario 3: **Gabby corrects her information and presses save**

Scenario 4: **Glen navigates to the MyNextLvl tab to find his medical condition**

Scenario 5: **Stan has a hard time remembering when to take his medication.**

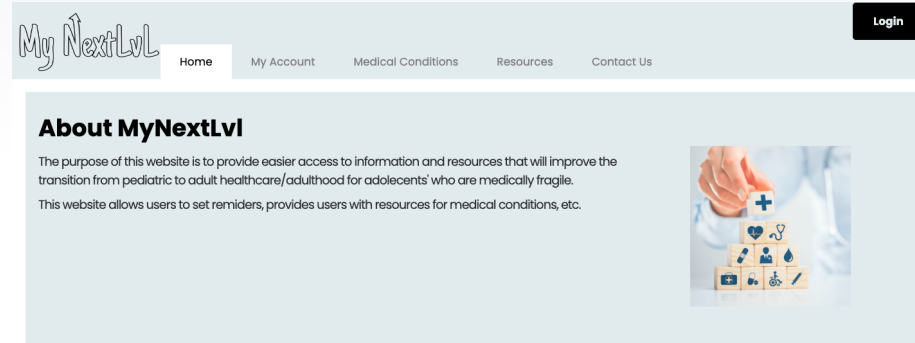
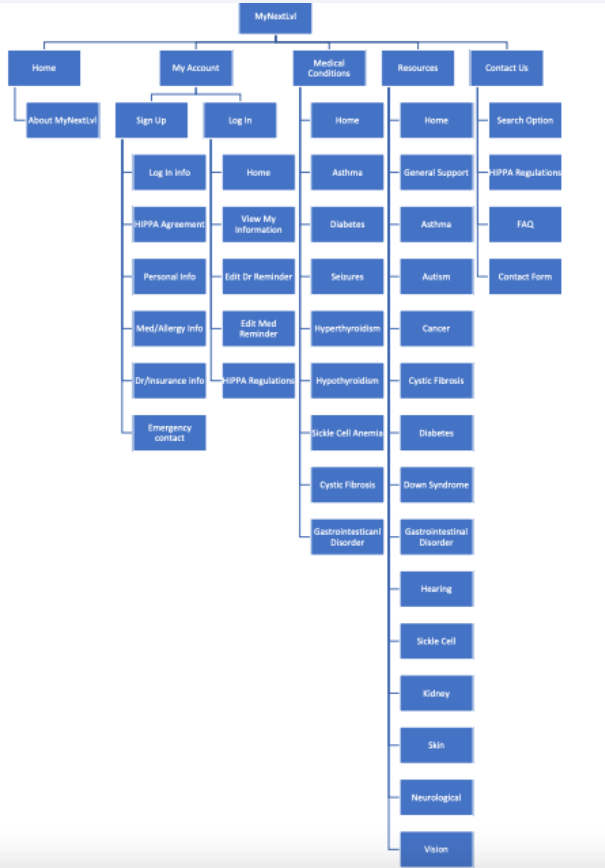
Scenario 6: **Stan creates an account on MyNextLvl and enters his the date and time of when he has to take his medication.**

Scenario 7: **Stan saves the information and waits to be reminded.**

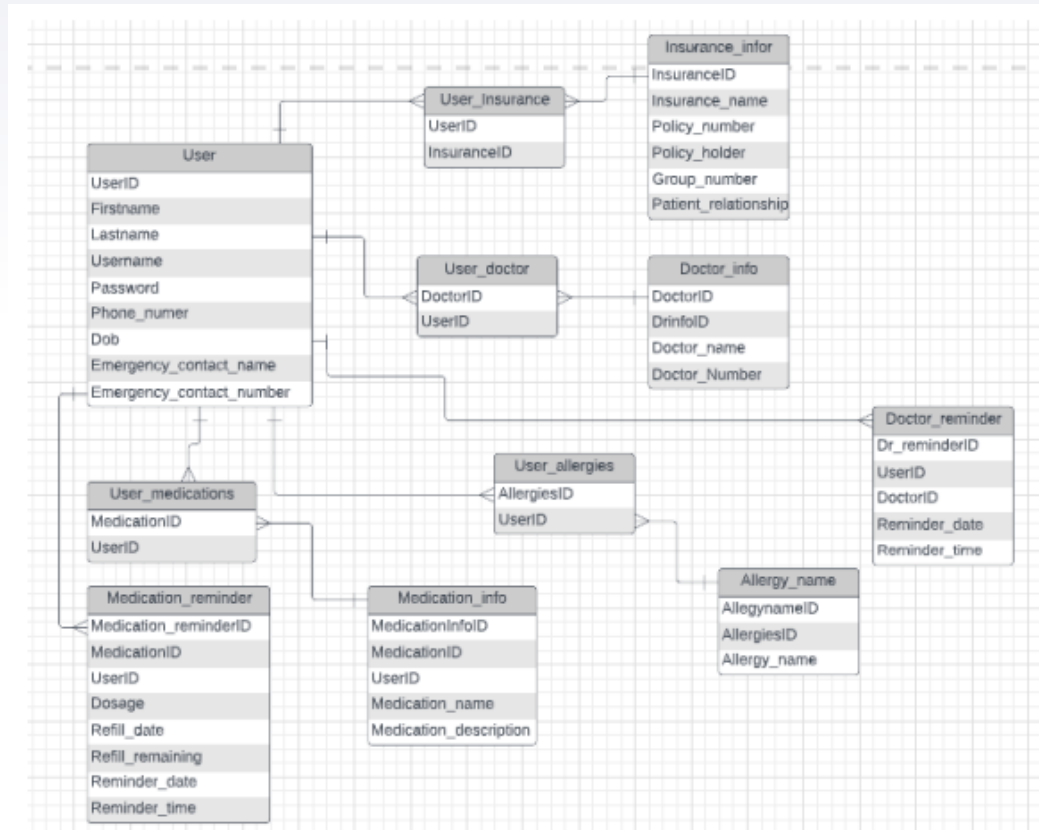
Scenario 8: **Stan is successfully reminded of when to take his medication.**

The storyboard consists of eight panels arranged in a 2x4 grid. The top row shows a user (Stan) thinking about medication. The second row shows the user logging into the MyNextLvl system. The third row shows the user saving information. The bottom row shows the user receiving a reminder on the MyNextLvl screen.

# Prototype Structure & Prototypes



# Entity Relationship Diagram





# Data Collection

- ▶ Task list
- ▶ Survey

## Survey Questions

Rank statements: Strongly Agree/Agree/Neutral/Disagree/Strongly Disagree

1. I think that I would like to use this system frequently.
2. I found the system unnecessarily complex.
3. I thought the system was easy to use.
4. I think that I would need the support of a technical person to be able to use this system.
5. I found the various functions in this system were well integrated. Strongly
6. I thought there was too much inconsistency in this system.
7. I would imagine that most people would learn to use this system very quickly.
8. I found the system very inconvenient to use.
9. I felt very confident using the system.
10. I needed to learn a lot of things before I could get going with this system.



# Results



## Testing Results:

- 100% of participants completed tasks #1, 2, 4, 5, 7, 8, 12 within 30 seconds
- Most participants struggled with task # 3

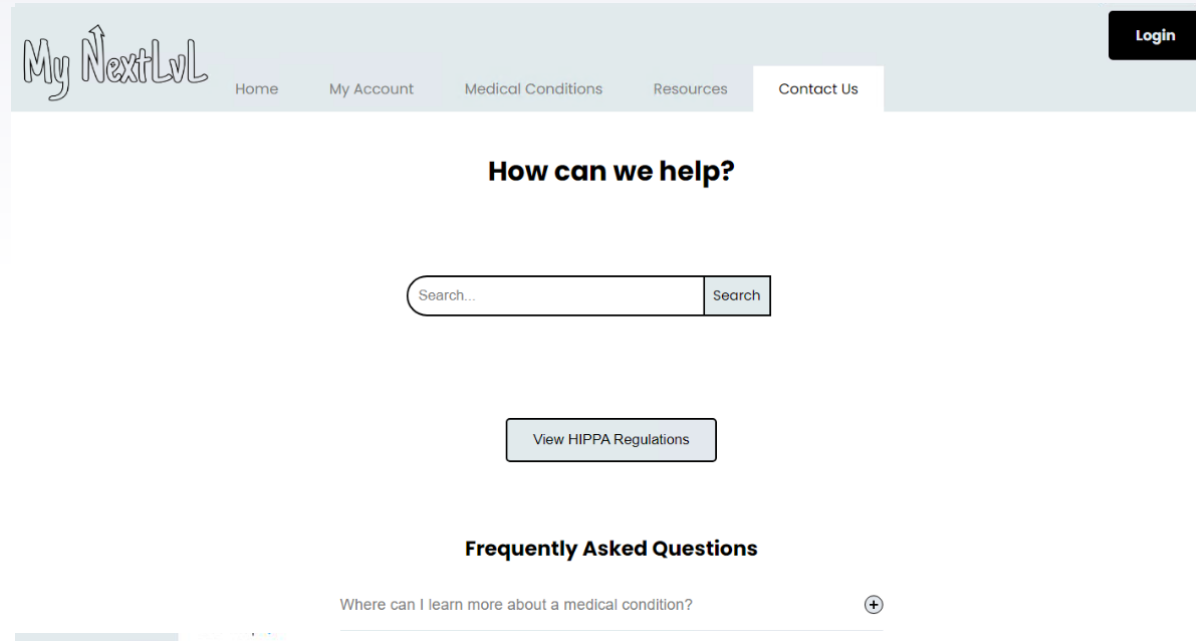
## Survey Results:

- All participants agreed that the site was user friendly and easy to use/learn

Task #	Time it took to complete in seconds							Average	Completion
	Tester 1	Tester 2	Tester 3	Tester 4	Tester 5	Tester 6	Tester 7		
1	11	22	25	26	25	26	17	22	yes
2	4	13	20	16	15	15	20	15	yes
3	44	82	40	98	25	40	39	53	no
4	9	24	1	9	13	14	8	11	yes
5	13	6	2	8	5	8	19	9	yes
6	19	23	30	13	18	36	7	21	yes
7	26	10	20	13	10	14	6	13	yes
8	7	11	3	10	18	6	7	9	yes
9	27	44	5	14	25	51	15	26	yes
10	28	35	2	38	25	57	12	28	yes
11	18	3	1	17	11	36	22	15	yes
12	3	2	1	1	10	3	1	3	yes

# Function & Features of Final Version

- ▶ Home tab
- ▶ Sign in
- ▶ Sign up
- ▶ User Information
- ▶ Doctor & insurance
- ▶ Reminders
- ▶ Medical Conditions
- ▶ Resources
- ▶ Contact Us



# References

- ▶ Gleeson, J. R. (2018, April 19). 8 easy ways to remember to take your medication. Health & Wellness Topics, Health Tips & Disease Prevention. Retrieved September 22, 2022, from <https://healthblog.uofmhealth.org/wellness-prevention/8-easy-ways-to-remember-to-take-your-medication>
- ▶ Porter, J., Huggins, C. E., Truby, H., & Collins, J. (2016, December 17). The effect of using mobile technology-based methods that record food or nutrient intake on diabetes control and Nutrition Outcomes: A systematic review. MDPI. Retrieved October 12, 2022, from <https://www.mdpi.com/2072-6643/8/12/815>