

OneCare, an innovative all-in-one healthcare web app designed to revolutionize the way you manage your health and wellness.



OneCare

All Your Health Needs in One Place.

CS 691 CAPSTONE PROJECT

Agenda

- Project Description
- Project Objective
- Team Member Roles & responsibilities
- Personas
- Technologies
- Team Agreement
- Project Schedule
- Sprint Retrospective
- Wiki Page
- Conclusion

PROJECT DESCRIPTION

OneCare is a comprehensive healthcare management application designed for both patients and doctors. It serves as a unified platform that facilitates seamless communication, appointment scheduling, and the organization of medical records, predict medicines based on symptoms using Deep learning Neural network (LSTM), medication reminders to stay on track with their treatment plans, while stress management tools, such as recorded meditation sessions, promote mental well-being. OneCare aims to simplify healthcare management and promote healthier lifestyles

PROJECT OBJECTIVE

The OneCare app will empower users to take control of their health and lead healthier, happier lives by simplifying healthcare management for both patients and doctors.



TEAM MEMBERS AND ROLES

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Aishwarya More
Software Developer & Business analyst
(am99715n@pace.edu)



Naga Lavanya Mukku
Backend Developer & Software
test Engineer
(nm26028n@pace.edu)



Shiva Krishna Maddela
Software Developer & Devops
Engineer
(sm69485n@pace.edu)

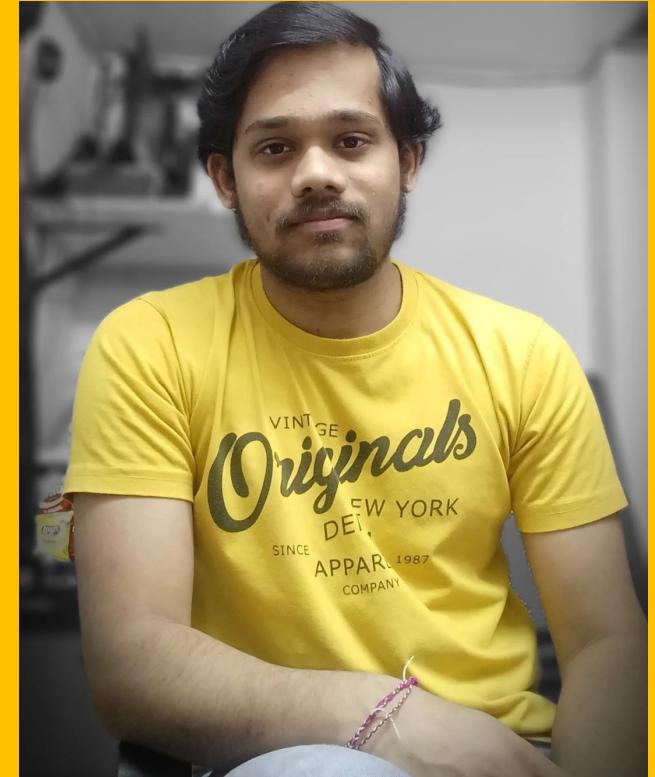
TEAM MEMBERS AND ROLES



Pushpak Kamisetti
Software Developer & Machine Learning
Engineer
[\(pk39545n@pace.edu\)](mailto:pk39545n@pace.edu)



Afroze Fatima
Software Developer
[\(an75415n@pace.edu\)](mailto:an75415n@pace.edu)



shashidhar pinumalla
Front End Developer
[\(sp16592n@pace.edu\)](mailto:sp16592n@pace.edu)



Personas

Persona: Sarah (Senior Citizen)

Age: 70

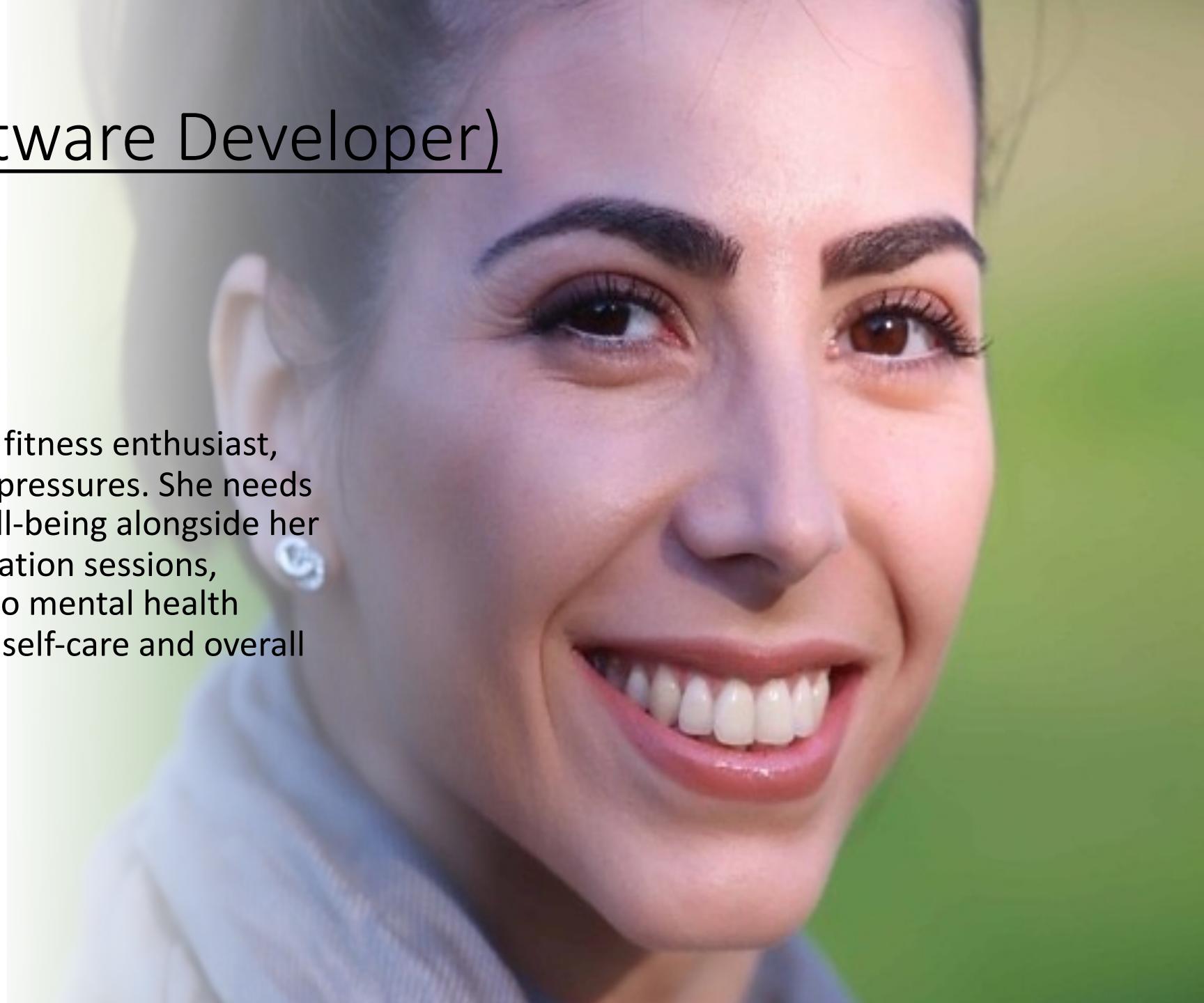
Sarah is a retired teacher who lives alone in a suburban area. Due to her age, she has multiple chronic conditions like diabetes and hypertension. Sarah needs an app that can help her manage her medications, track her vitals, schedule doctor appointments, and provide educational resources about her health conditions. She prefers simple interfaces and clear instructions due to her limited experience with technology.



Persona: Aisha(Software Developer)

Age: 28

Aisha, a busy tech professional and fitness enthusiast, struggles with anxiety due to work pressures. She needs OneCare to manage her mental well-being alongside her physical health. Features like meditation sessions, medication reminders, and access to mental health resources would help her prioritize self-care and overall well-being."



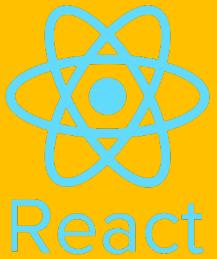
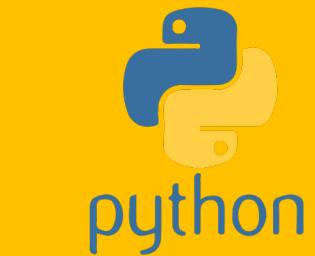
Persona: James(Sales Executive)

Age: 38

James leads a busy life with frequent travel and high-stress job. He often experiences minor health issues like headaches and fatigue but struggles to identify suitable treatments. James needs OneCare to quickly suggest medications based on his symptoms using predictive medicine feature. This saves time and helps him make informed health decisions without constant visits to the doctor.



Technologies



A photograph showing a group of business professionals in a meeting. In the foreground, a person's hands are visible, one holding a smartphone and the other pointing at a tablet screen which displays a document. In the background, another person is looking thoughtfully at their hand. Two white coffee cups are on the table. The scene is set in a bright, modern office environment.

Team Working Agreement



Team working agreement

Project Schedule



Project Schedule

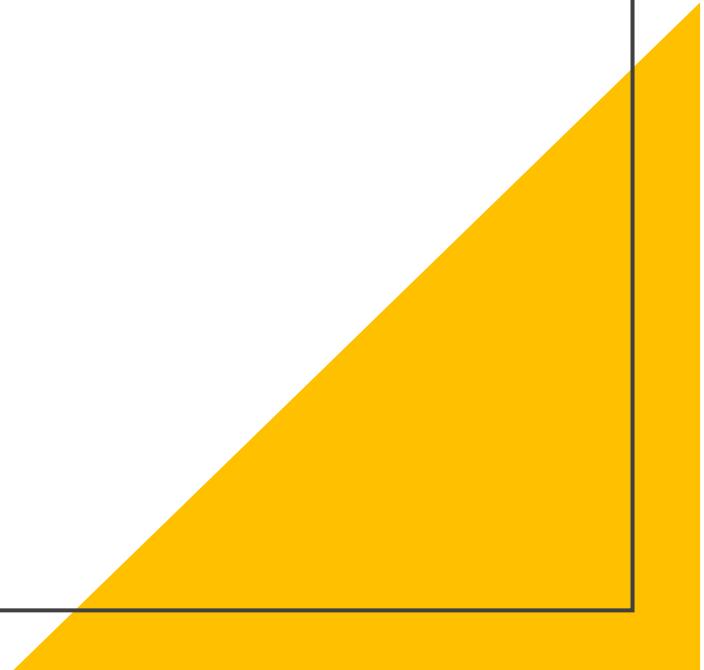
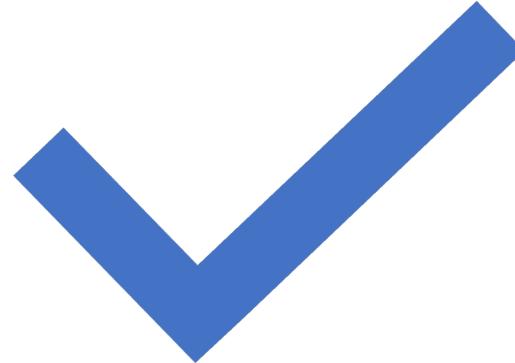
Sprint-0(25 Jan - 8 Feb)				Sprint-1(9 Feb - 29 Feb)			
Name	Status	Priority	Estimation (days)	Name	Status	Priority	Estimation (days)
Define project vision, goals, and requirements	Done	High	3	Develop detailed user personas and scenarios based on research.	Not Yet Started	Medium	2
Set up project infrastructure, including version control, wiki page ,project management tools, and communication channels.	Done	High	4	Design initial user interface mockups, wireframes, and user flows and Update Jira Board	Not Yet Started	Medium	5
Finalize project documentation, including project description, Team working agreement,Personas,Technologies to be used.	Done	Medium	4	Set up user authentication and authorization system.	Not Yet Started	High	7
Conduct initial research and analysis to refine the idea and identify key features.	Done	Medium	4	Implement medication tracking and reminders feature.	Not Yet Started	Medium	6
		Total	15			Total	20
Sprint-2(1 Mar -21 Mar)				Sprint-3(4 April -25 April)			
Name	Status	Priority	Estimation dates	Name	Status	Priority	Estimation dates
Add predictive medicine feature for suggesting treatments based on symptoms.	High	Not Yet Started	8	Implement mental well-being management tools like meditation sessions.	Not Yet Started	Medium	5
Implement medication tracking and reminders feature.	Medium	Not Yet Started	5	Develop appointment scheduling and telemedicine integration.	Not Yet Started	High	7
Integrate vital signs monitoring and recording capabilities and any pending functionalities	Medium	Not Yet Started	3	Finalize documentation, prepare for deployment, and deploy the OneCare	Not Yet Started	Medium	6
Test core features and address any issues or bugs.	Medium	Not Yet Started	3	Conduct extensive testing and quality assurance checks to fix the bugs.	Not Yet Started	Medium	3
		Total	20			Total	21

RETROSPECTIVE



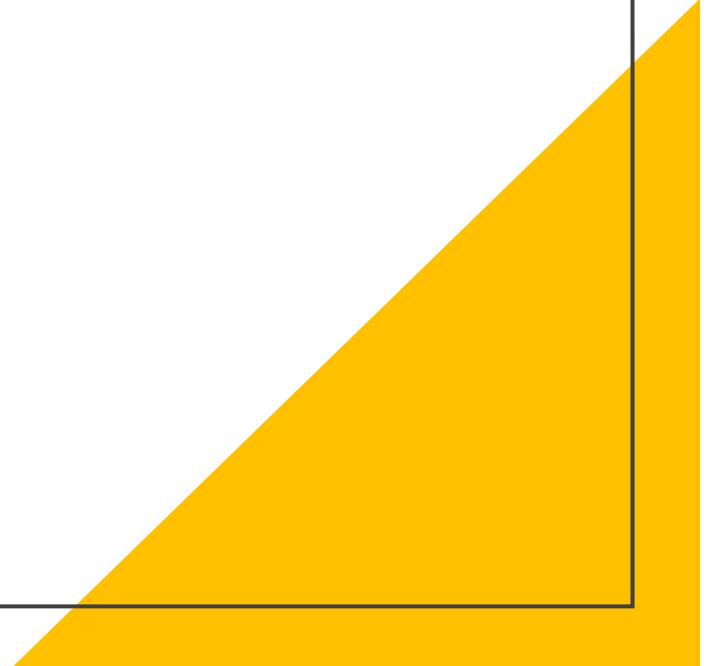
What worked well?

- Completion of setup tasks (e.g., environment setup, tool configuration etc).
- Initial planning and preparation for upcoming sprints.
- Successfully completed Sprint 0 activities, including project setup and idea finalization.
- Documented project requirements, user personas, and team working agreements.
- Team Collaboration: Effective use of communication channels, fostering a collaborative environment.



What needs Improvement?

- Need definition of project features to be implemented
- Improve task distribution to ensure equal workload.
- Jira Board: Need to expedite the setup of the Jira board for task tracking.



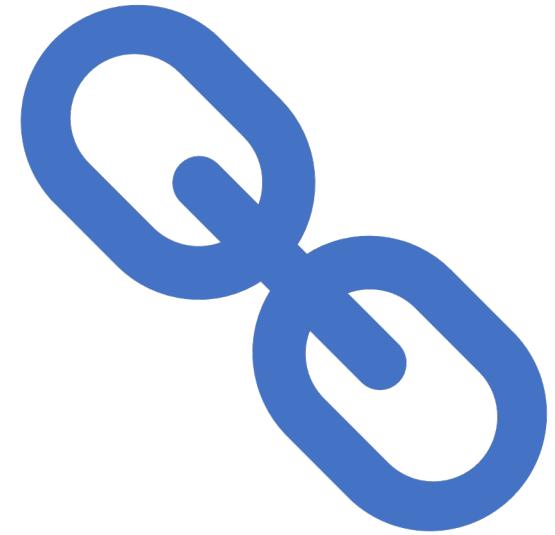
What's next?

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next?

- Schedule regular team meetings to improve communication.
- Update JIRA board to improve task management.
- Prioritize items for Sprint 1
- Hold a team meeting to discuss implementation of features
- Assign ownership to team members for action items identified during the retrospective to ensure accountability and follow-through.

WIKI PAGE LINK :

<https://github.com/more-aishwarya/OneCare/wiki>



THANK YOU

