This will be a six-week Agile project plan for completing the [Next.JS Tutorial](https://www.youtube.com/watch?v=wm5gMKuwSYk) and building a full-stack web application with the specified requirements and stretch goals:

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***Week 1: Project Kickoff and Setup***

- \*\*Day 1: Project Kickoff\*\*

- Introduce the project.

- Review project requirements and stretch goals.

- Assume all roles (e.g Scrum Master, Developer, Tester).

- Set up communication channels (Slack, Trello, Git) and Product Owner (Instructor Joseph Raetano).

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- \*\*Day 2-3: Environment Setup\*\*

- Set up development environments for front-end and back-end using React, Node.js, and a suitable database.

- Configure version control (e.g., Git) repositories for front-end and back-end.

- \*\*Day 4-5: Tutorial Exploration\*\*

- Begin the Next.js tutorial from [Next.JS Tutorial](https://www.youtube.com/watch?v=wm5gMKuwSYk)  to understand the framework's concepts.

- Get Familiarized with the basics of Next.js.

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***Week 2: Front-End Development***

- \*\*Day 6-9: Front-End Development\*\*

- Design and create the user interface using Next.js and React.

- Implement responsive design using CSS and media queries.

- Develop navigation and user interaction features.

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***Week 3: Back-End Development and API Integration***

- \*\*Day 10-14: Back-End Development\*\*

- Set up a back-end framework using Node.js and Express.

- Implement API endpoints for CRUD operations.

- Connect the back end to the chosen database (SQL or NoSQL).

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***Week 4: Database Integration and Styling***

- \*\*Day 15-18: Database Integration\*\*

- Design the database schema considering the chosen database type (SQL or NoSQL).

- Integrate the database with the back end using APIs.

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- \*\*Day 19-21: Styling and Responsiveness\*\*

- Enhance the user interface using CSS.

- Test and ensure responsive behavior across different devices and screen sizes.

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***Week 5: Stretch Goals Implementation***

- \*\*Day 22-25: Next.js Implementation and External API Integration\*\*

- Implement the Next.js framework into your project.

- Explore and integrate an external API (e.g., GitHub, etc.) to enhance functionality.

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- \*\*Day 26-28: User Registration and Login\*\*

- Develop a user registration and login system to manage user accounts.

- Implement basic security measures for user data storage.

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***Week 6: Deployment and Finalization***

- \*\*Day 29-32: Deployment and Testing\*\*

- Deploy the application to a cloud server.

- Conduct thorough testing to identify and fix any issues.

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- \*\*Day 33-36: Finalization and Documentation\*\*

- Complete any remaining features and refine user experience.

- Document the project, including setup instructions, architecture, and API documentation.

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- \*\*Day 37-42: Review, Presentation, and Wrap-Up\*\*

- Review the project, ensuring all requirements and stretch goals are met.

- Prepare a presentation for stakeholders showcasing the project's features and functionality.

- Conduct a retrospective to identify lessons learned and areas for improvement.

- Wrap up the project and celebrate the successful completion.

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*Remember that Agile projects allow for flexibility, so adapt the plan as needed based on any unforeseen challenges and progress that is made.*