

## Project Tasks

Task Name	Due Date	To do...	Category
Topic Exploration: Decide our project Topics	09/19/21	Sprint 1	General
Problem Definition	10/17/21	Sprint 2	Research
Identify types of patient data needed	10/17/21	Sprint 2	Research
Decide Tools and Technology needed	10/17/21	Sprint 2	Research
Draw project architecture diagrams and screen Mockups	10/17/21	Sprint 2	Research
Outline project tasks and timeline	10/17/21	Sprint 2	Research
Evaluate project risks	10/17/21	Sprint 2	Research
Language Selection	10/24/21	Sprint 3	Design
Identify database needed	10/24/21	Sprint 3	Design
Login page interface design	10/24/21	Sprint 3	Design
Interface design: Provider home page where provider can see all his patients	10/24/21	Sprint 3	Design
Interface design: a page where the provider can see the specific patient's information and assign exercises	10/24/21	Sprint 3	Design
Login Page interface optimization	10/31/21	Sprint 4	Development
Provider home page interface optimize	10/31/21	Sprint 4	Development
Link login page to the provider home page where provider can see all patients	10/31/21	Sprint 4	Development
Link provider home page to the page where providers can see the patient information after choosing the patient	10/31/21	Sprint 4	Development
Enable relative buttons on the pages	10/31/21	Sprint 4	Development
Enable the provider home page to show all his patients	10/31/21	Sprint 4	Development
Optimize the interface of the page where provider can see the specific patient information	11/07/21	Sprint 5	Development
Creating patients using FHIR format	10/31/21	Sprint 5	Development
Code the page where the provider can the patient information	11/07/21	Sprint 5	Development

Create the dropdown list where the provider could choose from the exercise information	11/07/21	Sprint 5	Development
Create exercise table which has a title, description, and ability to assign a demonstration video	11/07/21	Sprint 5	Development
Enable the buttons in the page to send text to the patient	11/07/21	Sprint 5	Development
Twilio API to fetch and send text messages to patient phone numbers	11/07/21	Sprint 6	Development
Enable the patient to send response back to the provider	11/07/21	Sprint 6	Development
Update Gantt chart	11/07/21	Sprint 6	General
Get FHIR server to run locally	11/14/21	Sprint 6	Development
Research how to set delayed SMS using Twilio	11/28/21	Sprint 7	Development
Add in functionality to set recurring text reminders for patients.	11/28/21	Sprint 7	Development
Expand exercise list available for provider to select from	11/28/21	Sprint 7	Development
Update Gantt chart	11/28/21	Sprint 7	General
Page linking	11/28/21	Sprint 8	Development
Filling all tables with actual information	11/28/21	Sprint 8	Development
Start the output assessment	11/28/21	Sprint 8	Development
App Debug	12/05/21	Sprint 9	Development
App testing	12/05/21	Sprint 9	Development
Prepare the document describing how to use the app	12/05/21	Sprint 9	General
Update Gantt chart	12/05/21	Sprint 9	General
Prepare Slides for presentation	12/12/21	Sprint 10	Final Demo
App Demo	12/12/21	Sprint 10	Final Demo
Project Overview	12/12/21	Sprint 10	General
Finalize all the documents	12/12/21	Sprint 10	General

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## 2.2 Project Timeline

Module	Start Date	EndDate	Task
Sprint 1	Sep 6	Sep 20	Choosing a Topic
Sprint 2	Oct 7	Oct 18	Draw Architecture Diagram, Choose tech stack
Sprint 3	Oct 18	Oct 25	Build components, Login page, database
Sprint 4	Oct 25	Nov 1	Populate database with data/test functions
Sprint 5	Nov 1	Nov 8	Develop front end pages
Sprint 6	Nov 8	Nov 18	Hook up front end to back end
Sprint 7	Nov 15	Nov 22	Host and test application
Sprint 8	Nov 22	Nov 29	Finish the code
Sprint 9	Nov 29	Dec 6	Check/Fix bugs
Sprint 10	Dec 6	Dec 13	Present/Submit Project