Minimum Viable Product

	MMF(1): [Mobile Client] Login System for Paient			MMF(2): [WebApp Client] Functionality		MMF(3): [WebApp Client] Account Management		
	Login with Authentication	**Validation**	**Doctor Reference**	**Backend**	**Frontend**	**Create Account**	**Login**	**Reset Password**
In Scope	be able to log in using paitent's Date of Birth, Full Name, and Medical Record Number (MRN) retrieved from another system, epic **Error**: If the data does not match with any existing data provide an error message to the user. **Alternative**: allow Custom Login in case data retrieval from another subsystem (epic) fails	retrieves (or updates) user data from the specified subsystem (epic) if no data found **Errors**: If the subsystem is unreachable, provide an error message to the user. **Alternative**: prompt the user having error to get to Custom Login	In case the user just cannot get approved on their correct data, let them reference their doctor. So, they can login if the doctor apporves it.	Use REST API to get required data from app & EPIC system Figure out how to host website (AWS or GCP)	Show summary of all patients' health Create a table view that shows all patient details	Create account for user Error: Account exists already. Error message displayed.	User login and logout. Alternative: Forgot password. Use email to send new link for reset.	In case user forgets password, they can reset using a link.
	Sprint 1			**Sprint 2**		**Sprint 3**		
Stretch Goals	enable 2FA (Two-Factor Authentication) so only the patients physically hold their phone can login.			Function to tell how high risk a patient is	Use similar color gradients to that of the Emory	Admin can create accounts	Instead of creating a separate account, allow user to login via Emory.	Error: Link expires in 1 day. Display error if accessed later.
Future Goals	After a specified number of failed login attempts, the user's account is locked for a defined period.		If the patient's account is locked, inform their doctor and provide information on how to unlock it.	Figure out if we can use existing portal and add our data to it instead of creating our own website	Create smooth UI with transitions and color changes on button clicks etc.	Create different roles in organization and have different access.	Use session or cookies for short-term storage.	

	MMF(4): [Mobile Client] Inputting Patient Data		MMF(5): [Mobile Client] Text and Phonecall-Based	
	Input Weight	**Logging symptoms**	**Text Patients**	**Call Patients**
In Scope	numerical input via limited keyboard (might be in wrong unit e.g. kg vs lbs, but as we're looking for weight spikes this probably won't matter)	successive screens with yes/no buttons and questions about symptoms Optional extra questionnaire after everything is done	Use HIPA-safe way to text patients notifications to input weight and stats Use HIPA-safe text to altert patients Error: Invalid phone number, text not recieved: send alert to medical staff	Use HIPA-safe way to call patients to alert them of weight anomaly, they should come in to Grady. Error: invalid phone number or voice mail, do nothing.
			Note: Cease texts after 2	Note: stop sending phone
	Sprint 4		**Sprint 5**	
Stretch Goals	take a picture of the scale link with connected smart scale	after the extra questionnaire, give links to information about their condition and other advice.	Take input from text, maybe even weight	Take input from phone call, maybe weight or acknowledge patient is coming into Grady and has recieved alert.
Future Goals			Chatbot-based text	Chatbot-based text