

Month	Day	Development Plan	Test and Demonstration Plan
February	6	<ul style="list-style-type: none"> Skeleton Project <ul style="list-style-type: none"> Make smallest possible project to show that all tools are working. Agree on development, code style, and practises. Input Parsing <ul style="list-style-type: none"> Read input 	<ul style="list-style-type: none"> Show unit tests are working for Skeleton Project
	13	<ul style="list-style-type: none"> Input Parsing <ul style="list-style-type: none"> Convert input into calculable format Temperature Monitoring <ul style="list-style-type: none"> Read temperature Fan Regulation <ul style="list-style-type: none"> Control fan speed 	<ul style="list-style-type: none"> Show unit tests are working for Input Parsing
	20	<ul style="list-style-type: none"> Temperature Monitoring <ul style="list-style-type: none"> Convert temperature to unstandable format Fan Regulation <ul style="list-style-type: none"> Adjust fan curve Current Parsing Voltage Parsing 	<ul style="list-style-type: none"> Show unit tests are working for Temperature Monitoring Show unit tests are working for Fan Regulation
	27	<ul style="list-style-type: none"> Current Parsing Voltage Parsing FFT Implementation <ul style="list-style-type: none"> Research Fast Fourier Transform Refactor 	<ul style="list-style-type: none"> Show unit tests are working for Current Parsing Show unit tests are working for Voltage Parsing
March	13	<ul style="list-style-type: none"> FFT Implementation <ul style="list-style-type: none"> Implement Fast Fourier Transform Refactor Performance Enhancement 	<ul style="list-style-type: none"> Run all units tests for regression testing
	20	<ul style="list-style-type: none"> FFT Implementation Performance Enhancement Buck/Boost Control <ul style="list-style-type: none"> Research Buck/Boost Control 	<ul style="list-style-type: none"> Show unit tests are working for FFT Implementation Run all units tests for regression testing
	27	<ul style="list-style-type: none"> Buck/Boost Control <ul style="list-style-type: none"> Implement Buck Control 	<ul style="list-style-type: none"> Show unit tests are working for Buck Control
April	3	<ul style="list-style-type: none"> Buck/Boost Control <ul style="list-style-type: none"> Implement Boost Control Display Current/Voltage <ul style="list-style-type: none"> Display Current Display Temperature 	<ul style="list-style-type: none"> Show unit tests are working for Boost Control
	10	<ul style="list-style-type: none"> Display Current/Voltage <ul style="list-style-type: none"> Display Voltage Display Temperature Display Charge Status <ul style="list-style-type: none"> Display Charging Status 	<ul style="list-style-type: none"> Show that the LCD Screen is displaying current/voltage Show that the LCD Screen is displaying temperature
	17	<ul style="list-style-type: none"> Display Charge Status <ul style="list-style-type: none"> Display Discharging Status LCD Switch Screen <ul style="list-style-type: none"> Program Button Debounce Implement Input Screen Final Optimization 	<ul style="list-style-type: none"> Show that the LCD Screen is displaying Charge Status
	24	<ul style="list-style-type: none"> LCD Switch Screen <ul style="list-style-type: none"> Implement Output Screen Final Optimization 	<ul style="list-style-type: none"> Show that LCD switches screen on button press Run all units tests for regression testing