SCT Electrical Team Database

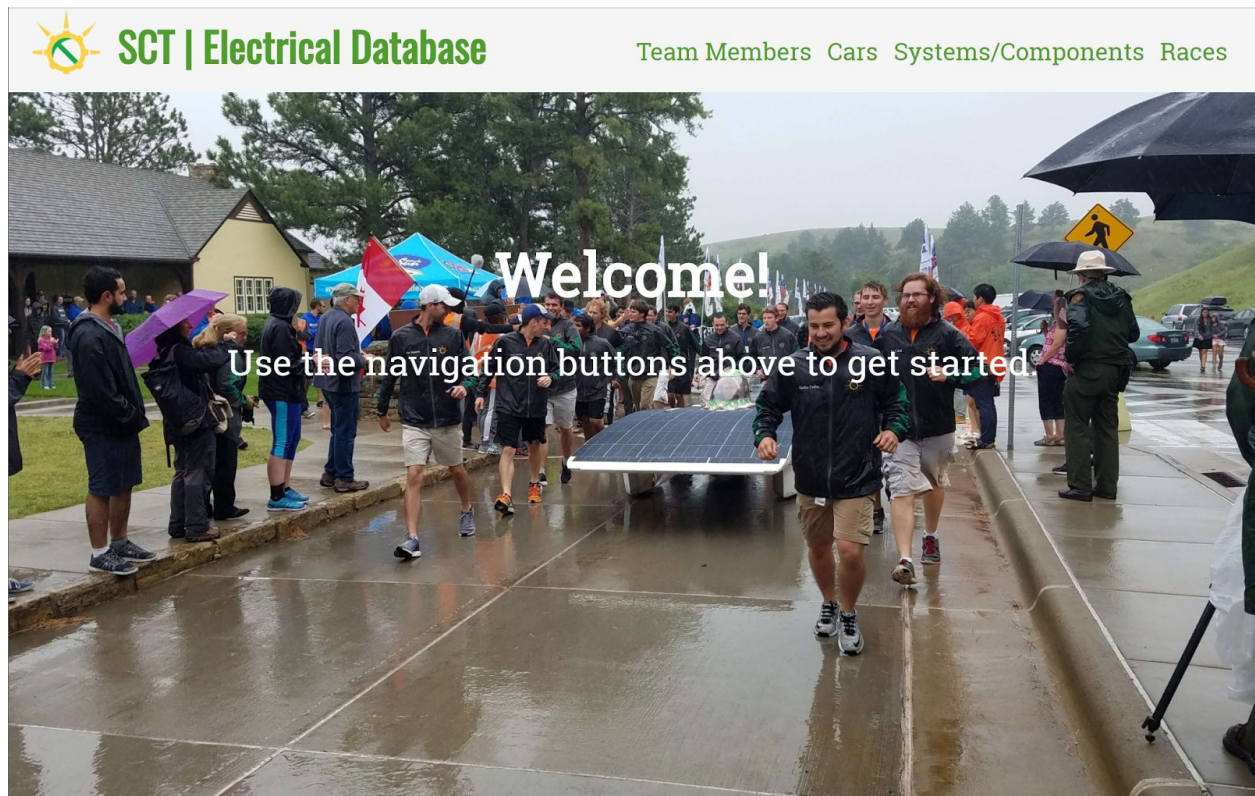## User Manual

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Welcome Page

From the welcome page, the user can navigate to the shown tabs to perform various interactions with the database.

Team Members Page

Team members are people that are active on the team and do not include alumni.

Record new team member

Record new team member ⌄

Member SSO:
[_____] *

Member Name:
[_____] *

Member Date of Birth
[_____]

Member Position
[_____]

[Submit]

To record a new team member, just click on "record new team member" tag and enter the information then click submit. Note that there are several key constraints as they are marked with asteroid.

View project assignments

View project assignments ⌄

Select a project:
[____ ▾]

[Submit]

View project assignments ⌄

Select a project:
[____ ▾]

BMS
UBCB

To view the View project assignments, just click on "View project assignments" tag and the system will automatically execute a query to display the project assignment for team members(if any). This is for viewing which team member is working on a certain system.

The results returned from the query show which team members are working on a specific project.

View All Members

To view all members, just click on "View All Members" tag and the system will automatically execute a query to display all member.

Cars Page

Cars are vehicles that have been built by the S&T Solar Car Team.

Record new car

To record a new car, click the tab to show the forms, enter information and then click submit button.Note that there are several key constraints as they are marked with asteroid.

View drivers

To view the member information, just click on "view drives" tag and the system will automatically execute a query to display the driver information. This is for viewing which driver is associated with a certain car.

View all solar cars

View all solar cars ☑	
Car Name	**Year Completed**
Sol Survivor	1993
E-Cubed	1995
Solar Miner I	1997
Solar Miner II	1999
Solar Miner III	2001
Solar Miner IV	2003
Solar Miner V	2005
Micro Miner	2006

To view all members, just click on "View all solar cars" tag and the system will automatically execute a query to display all solar cars.

Systems/Components Page

Systems are PCBs with that serve a certain purpose on a car. Each system is populated with electrical components.

Record new system

To record a new system, click the tab to show the forms, enter information and then click submit button .Note that there are several key constraints as they are marked with asteroid.

View all systems

View all systems ☑

System Name	Revision Number	Deadline	Status
BMS	H	2017-06-01	
HVFE	0	2017-06-30	
MPPT	3	2017-06-01	
New System	0	2017-01-01	
UBCB	0	2014-01-01	

To view all systems, just click on "View all systems" tag and the system will automatically execute a query to display all systems.

Record new component

To record a new component, click the tab to show the forms, enter information and then click submit button. Note that there are several key constraints as they are marked with asteroid.

View all components

To view all components, just click on "View all components" tag and the system will automatically execute a query to display all components.

Race Page

Races are events that the SCT participates in. Typically, one car is entered in a race, but multiple cars are allowed.

Record new race

To record a new race, click the tab to show the forms, enter information and then click submit button. Note that there are several key constraints as they are marked with asteroid.

View Awards

To view specific awards, just click on "View Award" tag and the system will automatically execute a query to display awards from a certain race.

View all Races

View all Races ⌄			
Date	**Car Name**	**Race Name**	**Location**
2016-07-20	Solar Miner	American Solar Challenge	Pittsburgh International Race Complex

To view all races, just click on "View all races" tag and the system will automatically execute a query to display all races.