

Data Dictionary

Data Name	Applicable to	Data Type	Data Size	Description	Acceptable Input	Good Example of Input	Notes
userName	Authenticate	String	8-15 Chars	Username	A-Z, a-z, 0-9	rollingthunder1	The database is queried to find each user
userPass	Authenticate	String	8-15 Chars	Password	ASCII 48-126	r0ll1ngthun3;!	
passwordReset	Configuration	String	8-15 Chars	Password	ASCII 48-126	r0ll1ngthun3;!	Administrative User can access this
loginMess	Authenticate	String	Up to 100 Chars	Message concerning authentication	0-9, ;	Incorrect username or password!	
contestTitle	Authenticate, Configuration	String	Up to 200 Chars	Contest Title	A-Z, a-z, 0-9	24th Siena High School Programming Contest	
currTime	Authenticate, Submission, Scoring, Messaging, Scoreboard, Configuration	String	5 Chars	Current Time in Contest	0-9,:	01:00	
resButton	Authenticate	boolean	4-5 Chars	Login Reset	TRUE, FALSE	TRUE	

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resButton2	Configuration	boolean	4-5 Chars	Configuration Reset	TRUE, FALSE	TRUE	
pracStart	Authenticate, Submission, Scoring, Messaging, Scoreboard, Configuration	String	5 chars	Practice start-time	0-9, :	12:50	
pracEnd	Authenticate, Submission, Scoring, Messaging, Scoreboard, Configuration	String	5 chars	Practice end-time	0-9, :	13:00	
pracDur	Authenticate, Submission, Scoring, Messaging, Scoreboard, Configuration	String	2 Chars	Practice duration in minutes	0-9	10	
contStart	Authenticate, Submission, Scoring, Messaging, Scoreboard, Configuration	String	5 chars	Contest start-time	0-9, :	13:00	
contEnd	Authenticate, Submission, Scoring, Messaging, Scoreboard, Configuration	String	5 chars	Contest end-time	0-9, ;	17:00	
contDur	Configuration	String	2 Chars	Practice duration in hours	0-9	5	
submissionState	Submission, Scoring, Scoreboard	boolean	4-5 Chars	A problem submission's graded state	TRUE, FALSE	TRUE	

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submissionTime	Submission, Scoring, Scoreboard	String	8 Chars	A problem submission's time-stamp	0-9, ;	13:33:33	Automatically generated by SLICE
submissionFeed	Submission, Scoring, Scoreboard	Enum	Enumerated Type	Submission Feedback	Correct Answer, Wrong Answer, Run-Time Error, Compiler Error, Formatting Error	Correct Answer	
scoreFreeze	Configuration, Scoreboard	String	5 chars	Time from contest end time the scoreboard is inactive to participants	0-9, ;	02:00	
judgeList	Configuration Judge Pop-Up	List of Strings	Up to 15 Strings	The list of all Judge users	A-Z, a-z, 0-9	{Judge1, Judge 2}	
participantList	Configuration Participant/Advisor Pop-Up	List of Strings	Up to 60 Strings	The list of all participants and team advisors	A-Z, a-z, 0-9	{sienaGold1, sienaGold1Adv}	
selectedUser	Configuration Participant/Advisor Pop-Up and Judge Pop-Up	String	8-15 Chars	The selected user in the configuration Pop-Up	A-Z, a-z, 0-9	seinaGold1	
editUser	Configuration Participant/Advisor Pop-Up and Judge Pop-Up	boolean	4-5 Chars	Edit the currently selected user	TRUE, FALSE	TRUE	
isTeamAdvisor	Configuration Participant/Advisor Pop-Up	boolean	4-5 Chars	Flag the user as a Team Advisor	TRUE, FALSE	TRUE	
currPass	Administrator Change Password Pop-Up	String	8-15 Chars	Password	ASCII 48-126	r0ll1ngthun3;!	
newPass	Administrator Change Password Pop-Up	String	8-15 Chars	Password	ASCII 48-126	r0ll1ngthun3;!	

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confirmPass	Administrator Change Password Pop-Up	String	8-15 Chars	Password	ASCII 48-126	r0ll1ngthun3;!	
personalMessList	Administrator Messaging, Participant Messaging, Judge Messaging	List of (String,String) Tuples	Up to 100 Messages	Personally sent messages	(ASCII 48-126, ASCII 48-126)	{{(Does the output for problem 1 needs a new line?, Problem 1), (What is the example output for problem 2?, Problem 2)}}	
publicMessList	Administrator Messaging, Participant Messaging, Judge Messaging, Team Advisor Messaging	List of (String,String) Tuples	Up to 100 Messages	Publically send messages	(ASCII 48-126, ASCII 48-126)	{{(Please send only source files, not .class files., General)}}	
selectedMess	Administrator Messaging, Participant Messaging, Judge Messaging, Team Advisor Messaging	(String, String) Tuple	(Up to 500 Chars, Up to 50 Chars)	The user selected message	ASCII 48-126	(Please send only source files, not .class files., General)	
userMess	Administrator Messaging, Participant Messaging, Judge Messaging, Team Advisor Messaging	(String, String) Tuple	(Up to 500 Chars, Up to 50 Chars)	The user created message	ASCII 48-126	(Does the output for problem 1 needs a new line?, Problem 1)	
scoresTable	Scoreboard	Two Dimensional Array of Strings	Number of Participants x Number of Problems	The Scoreboard information	A-Z, a-z, 0-9	{{Team1,01:00,02:00}, {Team2,00:30,4:00}}	
isScoringJudge	Configuration, Scoreboard	boolean	4-5 Chars	Flag for the Judge with scoreboard permissions	TRUE, FALSE	TRUE	