Repository Maturity Assessment : SeisFinder

GitHub URL: **https://github.com/ucgmsim/SeisFinder**

What is this repo about?

SeisFinder ver. 1

Repo status

README present	Yes
Is Public?	No
Number of commits	371
Last time Updated	Sep. 8 2017

Functionalities

- Description: State how this function is used or interacts with other sw components.
- Status: (1: not working, 2: unstable, 3: works under specific condition, 4: works with known issues, 5: perfect)
- Tests: (1: none, 2: broken/outdated. 3: with limited coverage, 4: works with known issues, 5: perfect)
- Doc (1: none, 2: outdated, 3: with limited coverage, 4: mostly ok, 5: perfect) Give a link
- Frequency of use: Daily, Weekly, Monthly, Yearly, Never
- Frequency of code/req. change: Daily, Weekly, Monthly, Yearly, Never
- Bus Factor: Number of people that are familiar with the code (1-7)

Functionality	Description	Status	Known issues	Tests?	Doc?	Frequency of use	Frequency of code /req. change	Bus Factor
DB create/delete scripts	Scripts that create, delete and re-create DBs and delete a particular event from DB	2	Create only works via hard-coded CURL commands, and the codes are not generic enough	No	No	Monthly	Never	1
Selecting event /realization	Allows to select between historical and future events, and choose an event and realisation	5		No	No	Monthly	Never	1
Multiple realisation support	An event may have a multiple realization	5		No	No	Monthly	Never	1
Validation document downloadable		5		No	No	Monthly	Never	1
All locations intensity measures downloadable		5		No	No	Monthly	Never	1
PGV map displayed		5		No	No	Monthly	Never	1
Selection between Single and Multiple location		5		No	No	Monthly	Never	1
Custom name	User can assign a custom name to each site	5		No	No	Yearly	Never	1
Nearest location vs Target location	Nearest location to the user specified target location lat and log are displayed on the map with pins	2	Error "This page can't load Google Maps correctly" occurs after a couple of use. Possibly Google Map's free service policy has been revised and we are exceeding the allowance.	No	No	Monthly	Never	1
Available locations		1	Even when Google Map was working fine, this doesn't appear to work	No	No	Monthly	Never	1
Download		5		No	No	Monthly	Never	1

Suggested Improvements / New Features

- Description: State how/why this will be useful
- Timeline: Estimate of how many sprints will it take to develop

Functionality	Description	Timeline
Decomission	Replace with SeisFinder2 and retire this version.	
Validation document	Include in SeisFinder2	1 sprint
PGV map for a given event	Include in SeisFinder2	1 day
Custom name	Include in SeisFinder2	1 sprint
Combining all IM .csv files into one .csv	Was a feature of Dev. version. Could be added to SeisFinder2 (wanted by Mustafa Swindon)	1 day

Validation document	Include in SeisFinder2	1 sprint
Decomission	Replace with SeisFinder2 and retire this version.	