

## Geographical Map Search Algorithm - Feature #1432

### latitude and longitude based

2020-03-30 21:54 - Tab Tu

<b>Status:</b>	Closed	<b>Start date:</b>	2019-08-22
<b>Priority:</b>	Normal	<b>Due date:</b>	2019-09-29
<b>Assignee:</b>	Tab Tu	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	225.00 hours
<b>Description</b>			
Calculate Latitude and Longitude which is in the range. Only can be used for square and circle searching. Algorithm based on Latitude and Longitude			
<b>Subtasks:</b>			
Task # 44: get the minium and maxium GEO(lantitude and longitude), and select rows in ...			<b>Closed</b>
Issue # 83: only can search circle or rectangular shapes. can not search rotating recta...			<b>Closed</b>
Issue # 84: search algorithm is too slow, 1500+ ms per task in 300,000 rows in average....			<b>Closed</b>
Issue # 85: use 4 points to define a rectangular, unnessessary and ambiguous. Solve by ...			<b>Closed</b>
Issue # 86: area shape is limited. will optimize on next statge.			<b>Closed</b>

### History

#### #1 - 2020-03-30 20:52 - Tab Tu

- Subject changed from latitude and longitude based searching to latitude and longitude based

#### #2 - 2020-03-30 22:09 - Tab Tu

- Status changed from In Progress to Closed

#### #3 - 2020-03-31 16:50 - Tab Tu

- Status changed from Closed to In Progress

#### #4 - 2020-04-01 17:24 - Tab Tu

- Status changed from In Progress to Closed