QUARTERLY PROGRESS REPORT

Fiscal Year 2015/2016, Quarter 3rd

Caltrans Task Manager: Christine Azevedo  Task ID/Project ID (for Caltrans use only):

Task Order No.: TO 029  Contract No.: 65A0529

1. Task Title: Analyzing Spread of Influence in Social Networks for Transportation Applications

2. Describe last quarter’s tasks/deliverables:

The tasks accomplished were the following:

Task 3. We assigned location information to social media messages.
Task 4. We built influence graph from dataset.
Task 5. We applied influence maximization algorithms to identify sources of opinions.

There are no deliverables for the 3rd quarter.

3. Describe next quarter’s tasks/deliverables and their due dates:

The following is the task for the next quarter.

Task 6. We will prepare the final report.

The following are the deliverables for the next quarter that are due on April 1, 2016.

1. Methodology to identify the influencers
2. Final report
3. Software documentation
4. Presentation of the work at a Caltrans-UTC webinar
5. Academic and industry publications with student co-authorship

4. Describe Project Status:

   • Are you on time with your schedule?
     ☑ YES
     ☐ NO

   • Are you on budget?
     ☑ YES
     ☐ NO

   • Are you on scope?
If the answer to any of the above is NO, please explain below:

N/A

5. Estimated percent of work completed: 98%
   Estimated percent of budget expended: 98%

6. What are your expenditure projections for the next four quarters or until the project’s end?

<table>
<thead>
<tr>
<th>FY 15/16; Q1</th>
<th>FY 15/16; Q2</th>
<th>FY 15/16; Q3</th>
<th>FY 15/16; Q4</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 0</td>
<td>$ 5,618</td>
<td>$ 58,898</td>
<td>$ 1,067</td>
</tr>
</tbody>
</table>

Use this area for any additional information. Clearly identify which Section this information applies to.

N/A

Submitted By: Lourdes V. Abellera
Date: 05/02/16