

**IMPLEMENTATION OF MULTIMODAL PUBLIC TRANSPORTATION ROUTE
PLANNER FOR METRO MANILA**

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D I
C
A M
L H , Q C 1108
P
E- : 1108@ .

Kardi TEKNOMO

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L H , Q C 1108
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Abstract:

. O
P
M M
M M ,
, A

Key words:

, M M , O P

1. INTRODUCTION

. A .M. K *et al.* (2010)
K. *et al.* (2007),
. . K *et al.* (2003)
, B N H (NH ,
2009), 10.6 43.4 1.55 ; B
I C (2011). . C
; . O
"P P ."
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, .) F. H. M (*et al.* (1999) ,

2. PUBLIC TRANSPORT ROUTE PLANNERS

A

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I E (N), J. *et al.* (2012) D - . I
 A A I (A I) (5) . I
 P A , K. *et al.* (2005) -
 C . I , . . P *et al.* (2008)

. A
 (2007) D I . I (I) . B *et al.*
 , . A *et al.* (2010) . I H K , I -
 (P E) L. P -C (2012). A
 , F. H. M *et al.* (1999) " A
 "(AD)
 . . *et al.* (2012) I E IP G ,
 . A

G , K. *et al.* (2009) ENO I ,

(2011), J. Q. L (2010), J. J *et al.* (2011) L. *et al.*
 - C . J. M. *et al.*
 (2008)

. P K *et al.* (2005) GI - , , H
 I .

G ,

, M , L 1, L 2 G ; , .
 P A , C 2013, . . . ,

G C ; M M
 . . , P A C 2013,
 G .
 ,

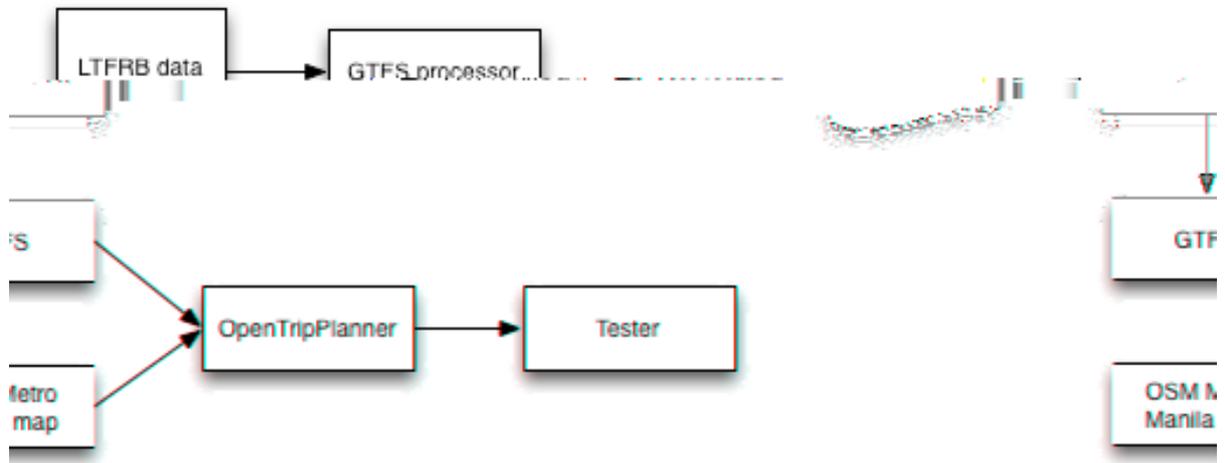
G . H , . I
 . I -

P .

3. FRAMEWORK

A , M
 M P .
 O P .

3.1 OpenTripPlanner (OTP)



F 1. F

F 1

L F B

(G F). A

L F B

M M

M O M

M M

M O M

M M

. G F

P

. D

, DO C

G , G F

F

4. INITIAL RESULTS

O P .

B

O P

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O M

M M

O M (:// . C)/). G F

(DO C) P I

O , O P API

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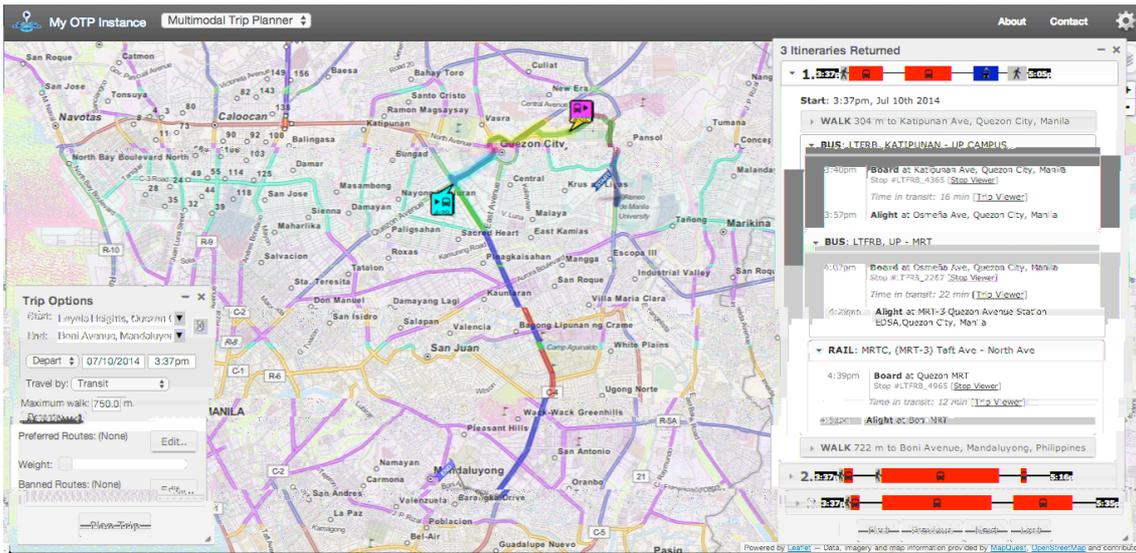
F . F 2, 3, 4

3

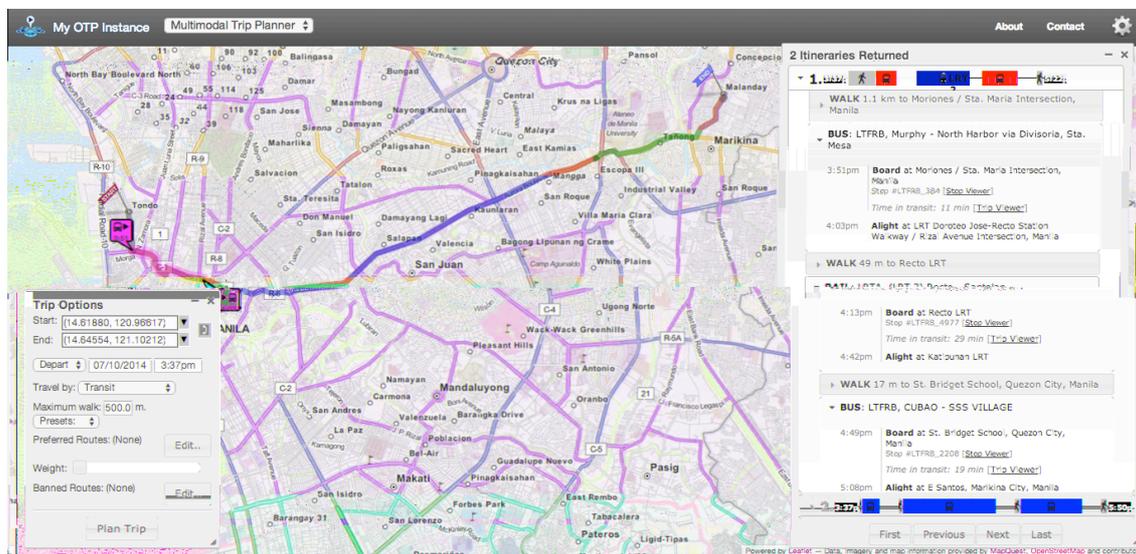
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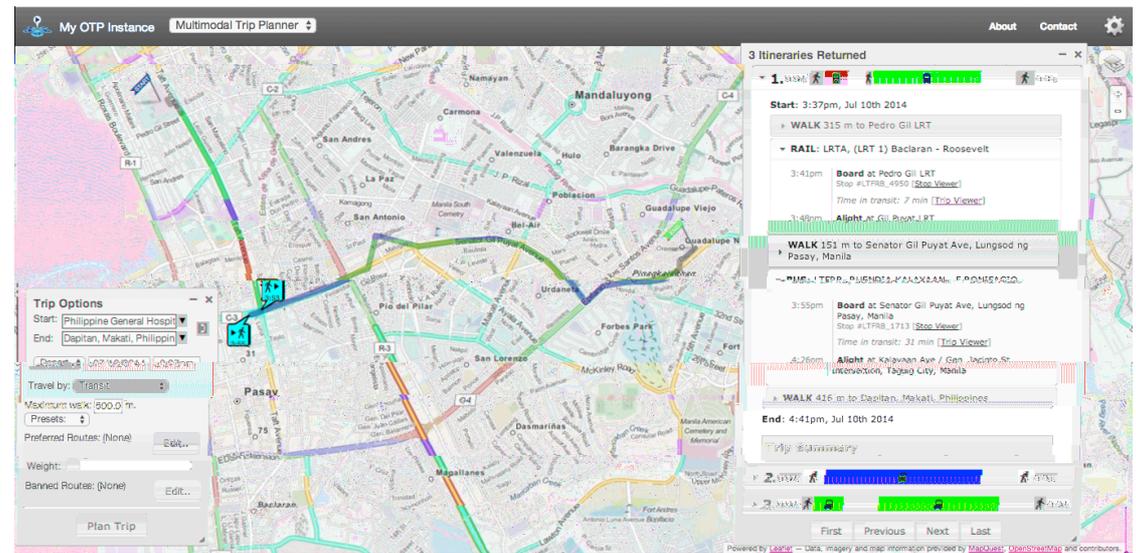
3



F 2. L H , Q C B A , M



F 3. , M M , M



F 4. P G H , M D , M

5. ANALYSIS

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6. CONCLUSIONS

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 G F L F B. H ,
 G F .
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ACKNOWLEDGMENT

D - E
 N D (PHE NE). (DO -E D) P H E

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\$60.0 M G E F G A D 1.0 M (\$

1.3 E) P M M
I P , J 2011.

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