Mainstream System Analysis and Design

School Delivery

SC _3

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1. Project Description and Services in Details:

Our school delivery system aims to make parents send their children to schools safely

By requesting a car that drive the children to their schools
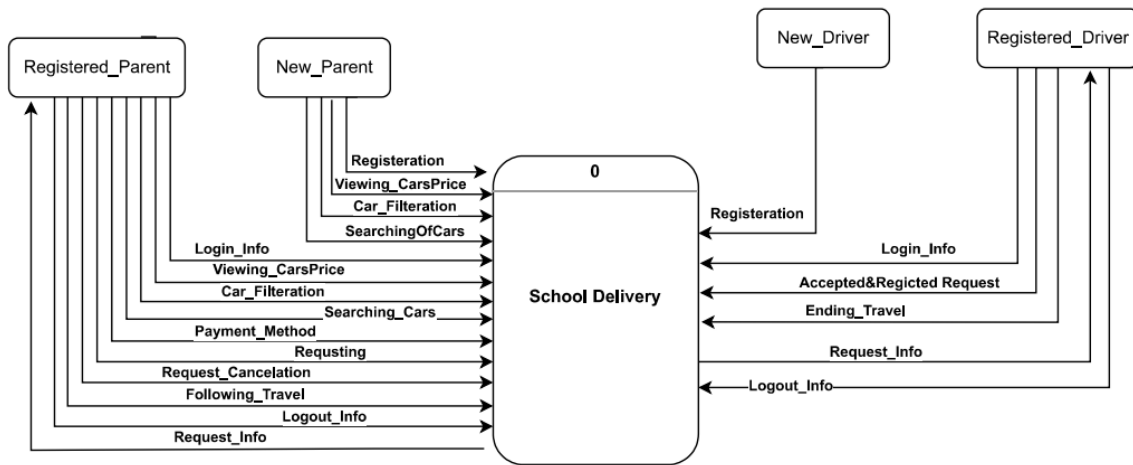
Features:

- Filtering cars by price

- Parent's ability to watch and follow the car which delivering his child
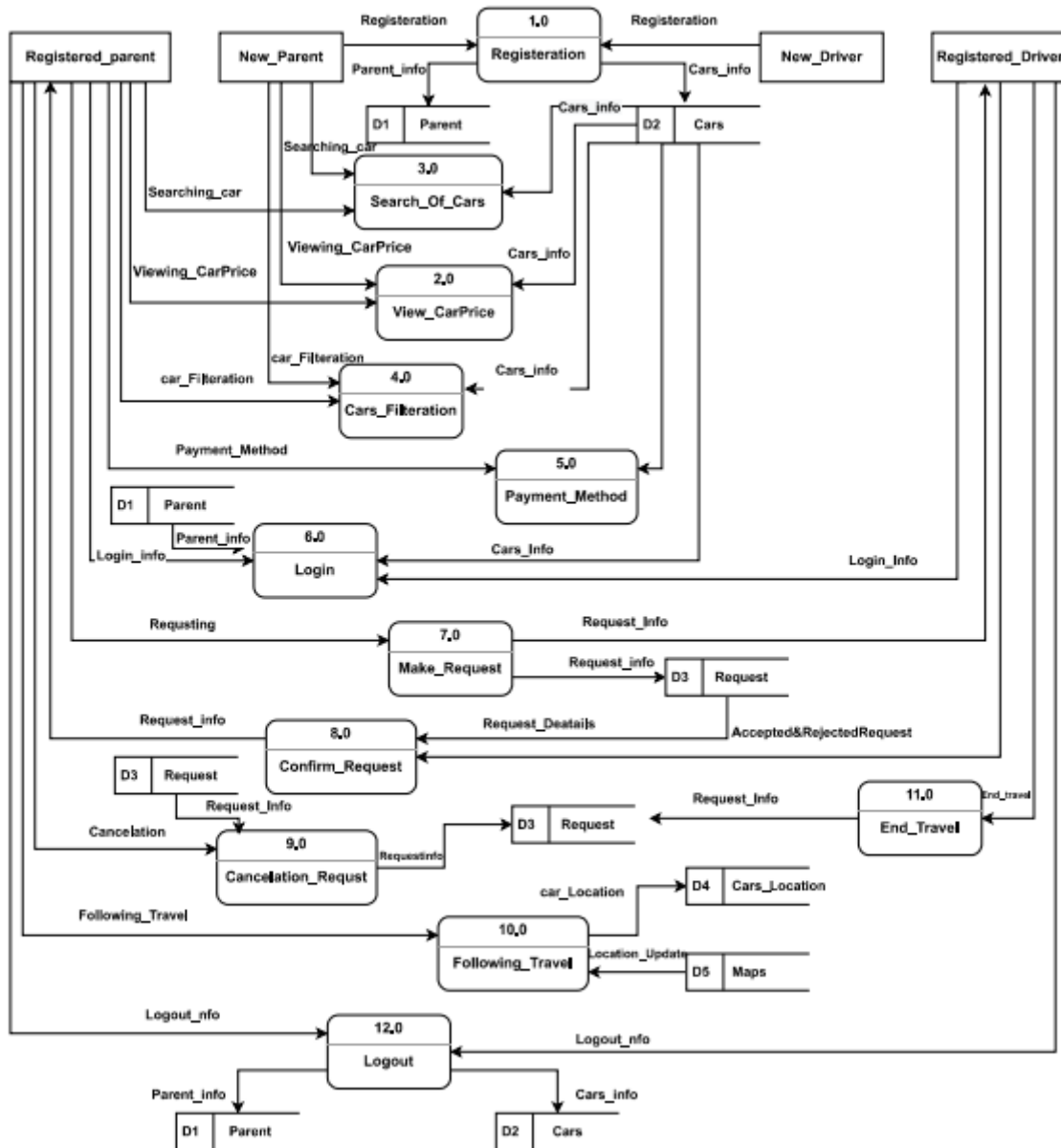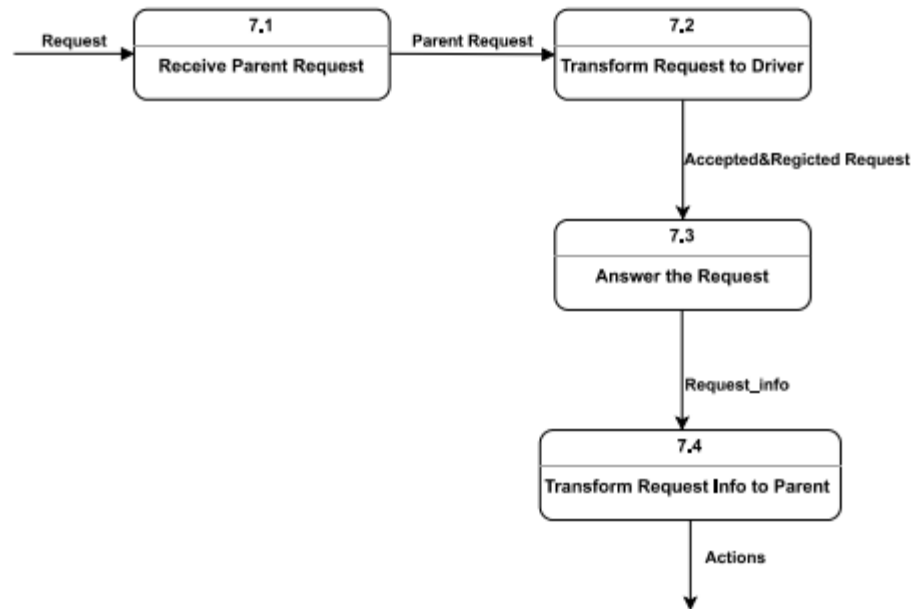
2. Use Case Diagram

3. DFD Diagrams
3.1. Context Diagram

3.2. Level 0 Diagram

3.3. Level 1 Diagram

7.1		Parent Request	7.2
Receive Parent Request			Transform Request to Driver

Request →

Accepted&Regicted Request

7.3
Answer the Request

Request_info

7.4
Transform Request Info to Parent

Actions

4. Class Diagram

5. Sequence Diagrams

5.1. (Register (New_Driver))

5.2. (confirm_Request(Registered_driver))

f:request_form   R:Request   pg_c:Request_Page_Controller   pg:Request Page   D:Registered Driver

open_Requestes

get_request_data

get_request_data

set_request_data

view_requests

Request_status

set_Request_status

saved_Request_status

saved_Request_status

saved_Request_status_successfully

Accepted\Rejected_Request_Message
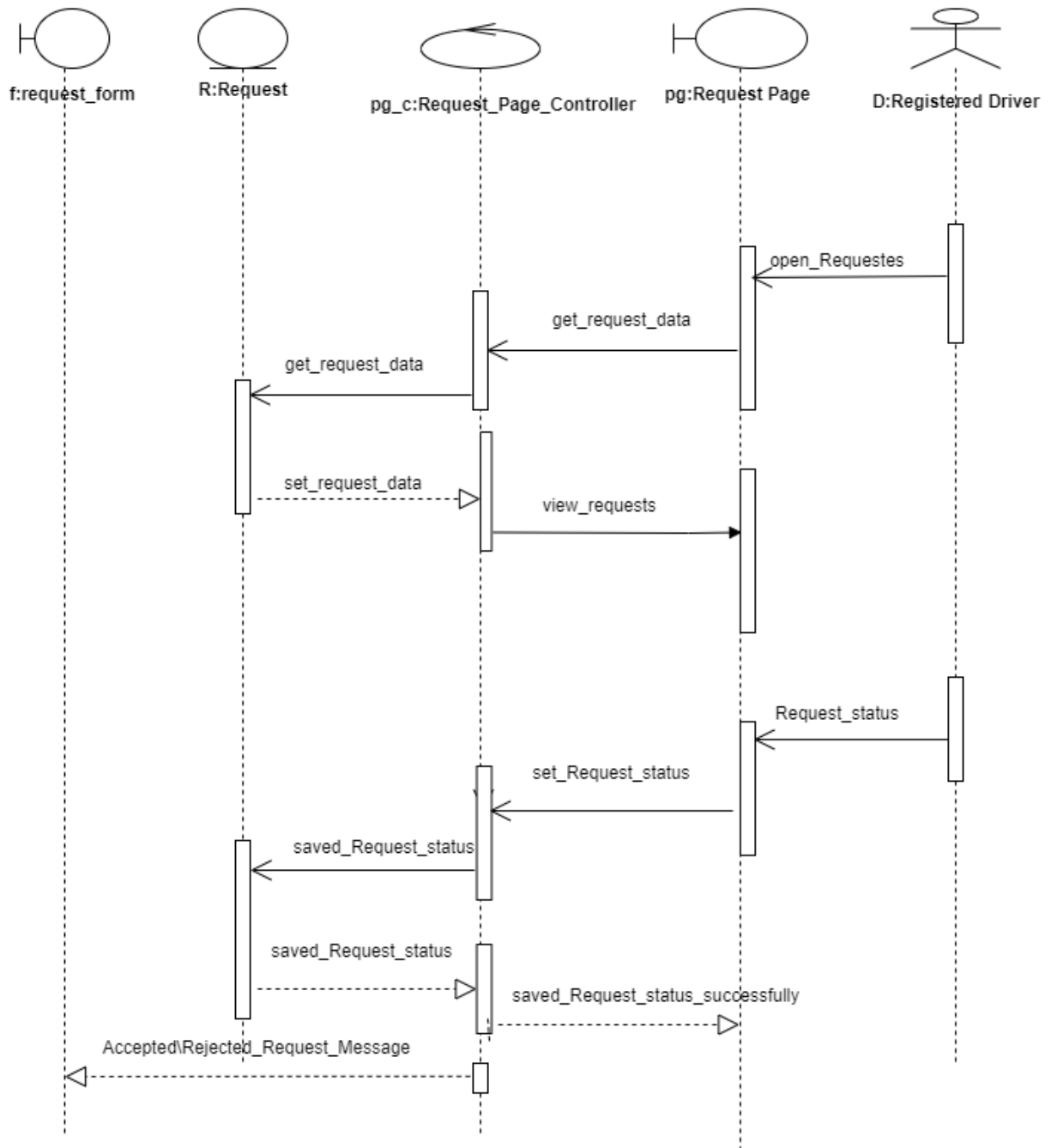
5.3.(make_request(Registered_Parent))
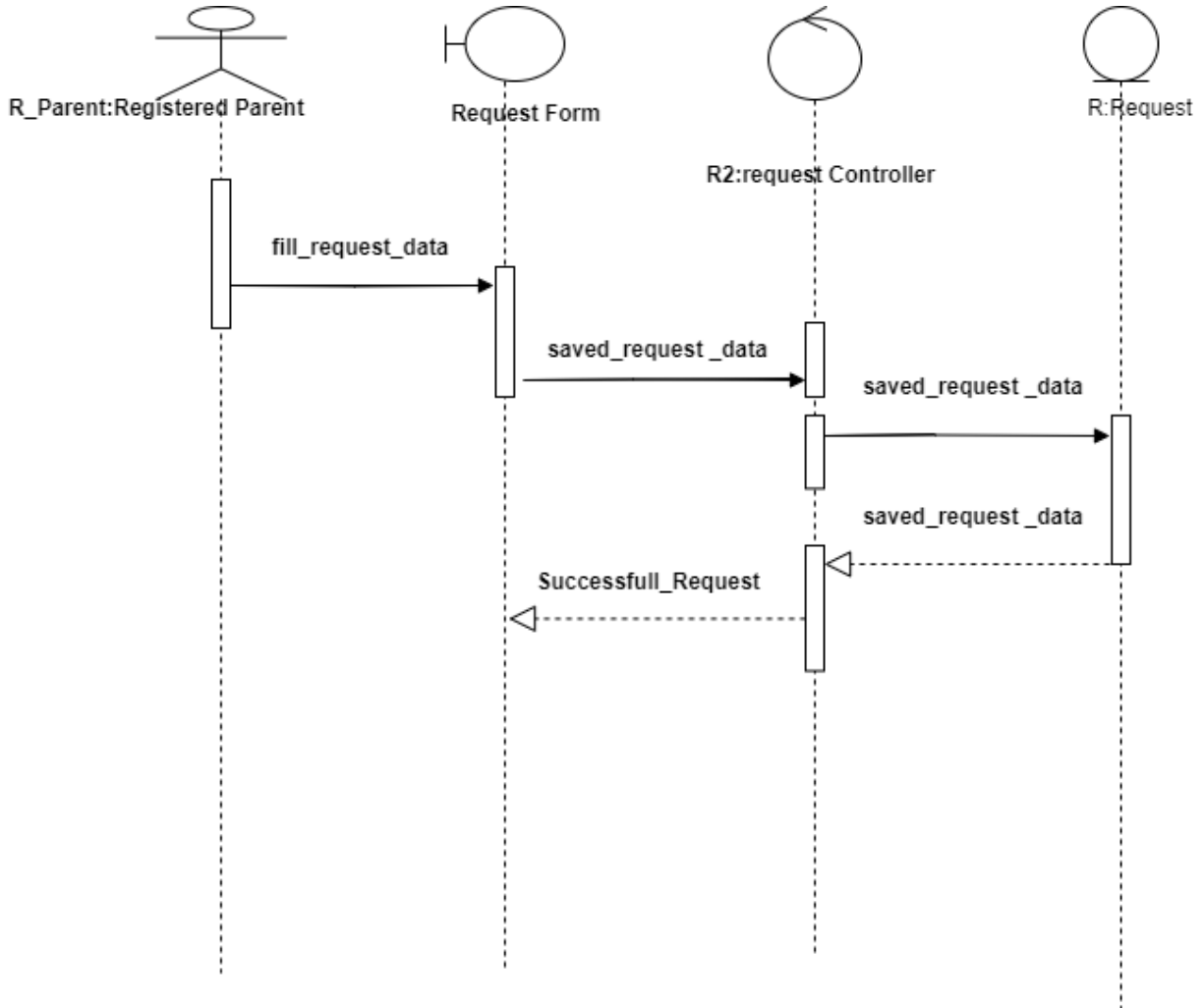
5.4.(login(Registered_Parent))

R_Parent:Registered Parent   login:Login Form   r:Login Controller   p2:parent_Controller   P:Parent

open_form

enter_data

alt

set_data   validate_data

[Found==False]   Check_Data

invalid   invalid

else

(found)

successfully_login