
Aircraft Maintenance System

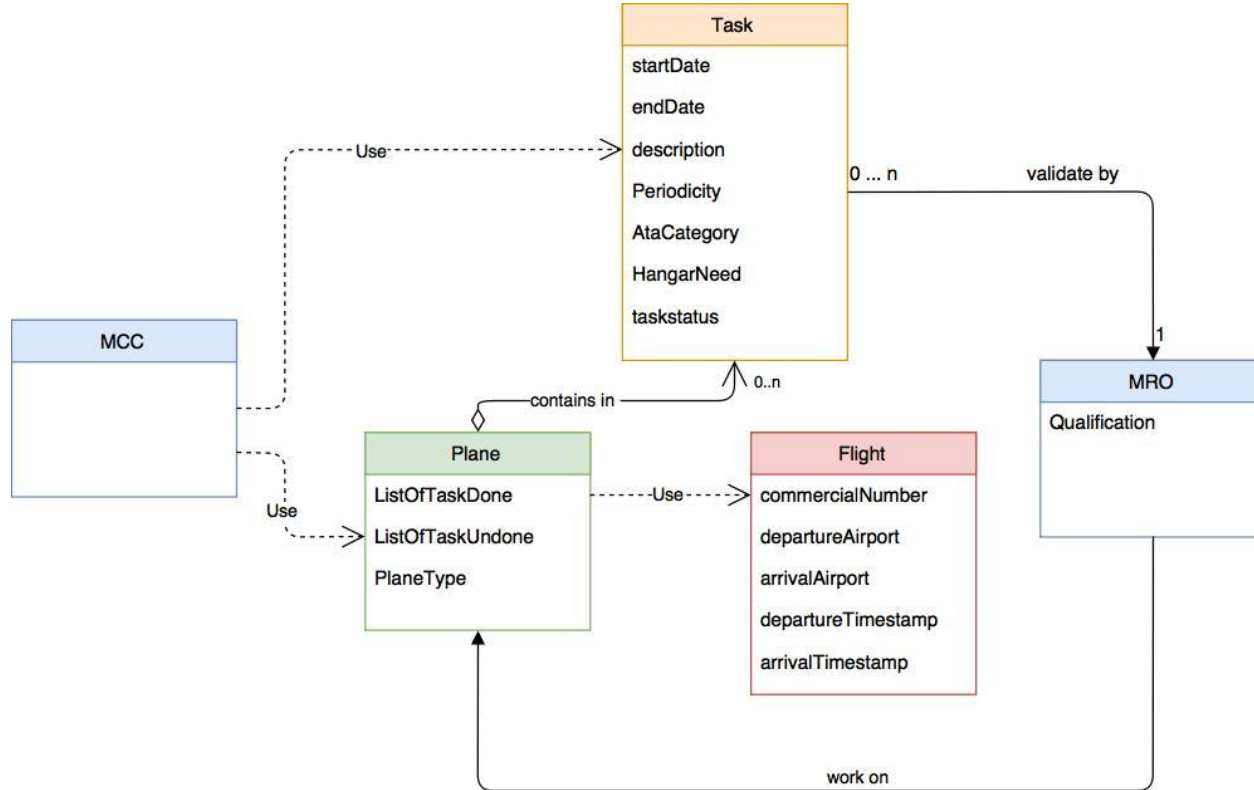
1 - System Definition

- Aircraft maintenance planning software.
- Sets of tasks to do in the coming weeks.
- Association of human and technical resources for all aircraft maintenances.

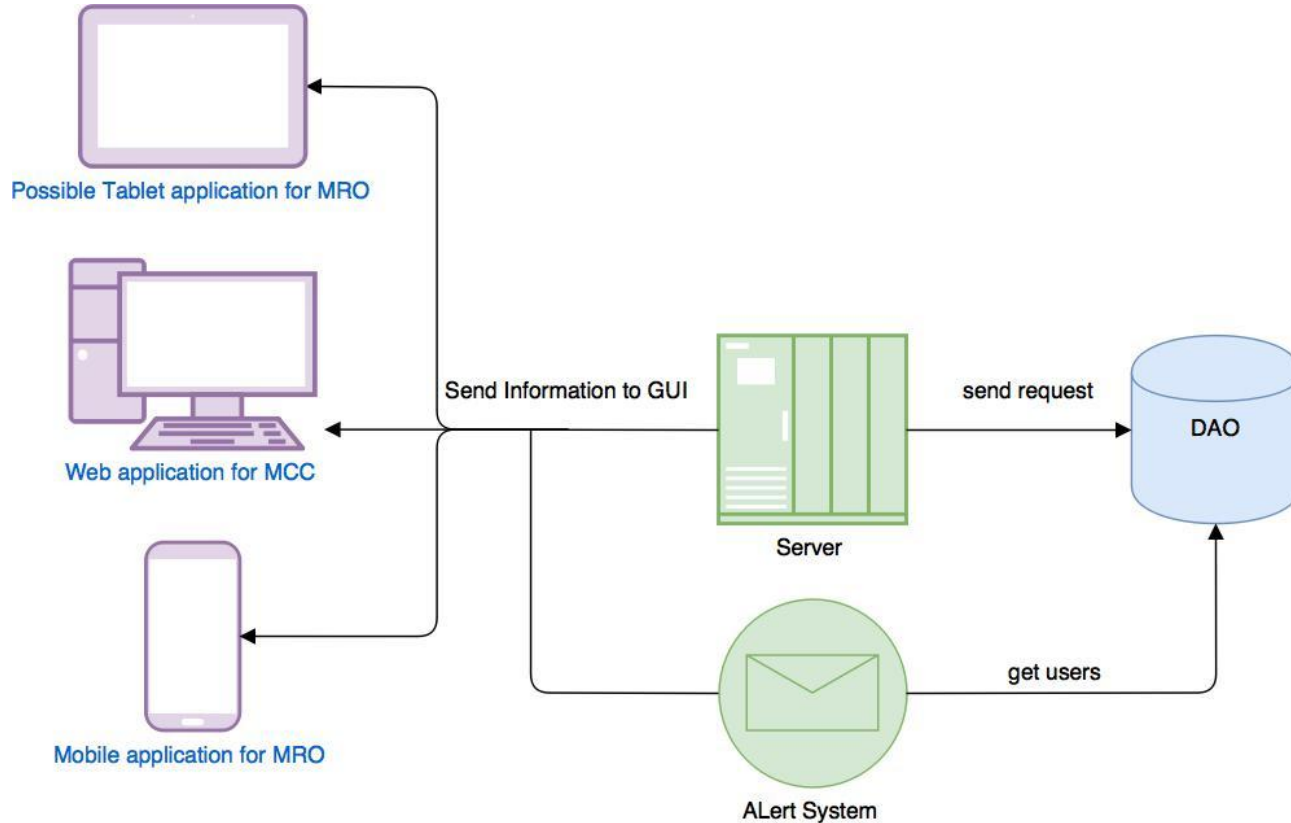
2 - Users

- Maintenance Control Center (MCC) : distribute tasks to some MRO.
- Maintenance Repair and Overhaul (MRO) : consult planned tasks.

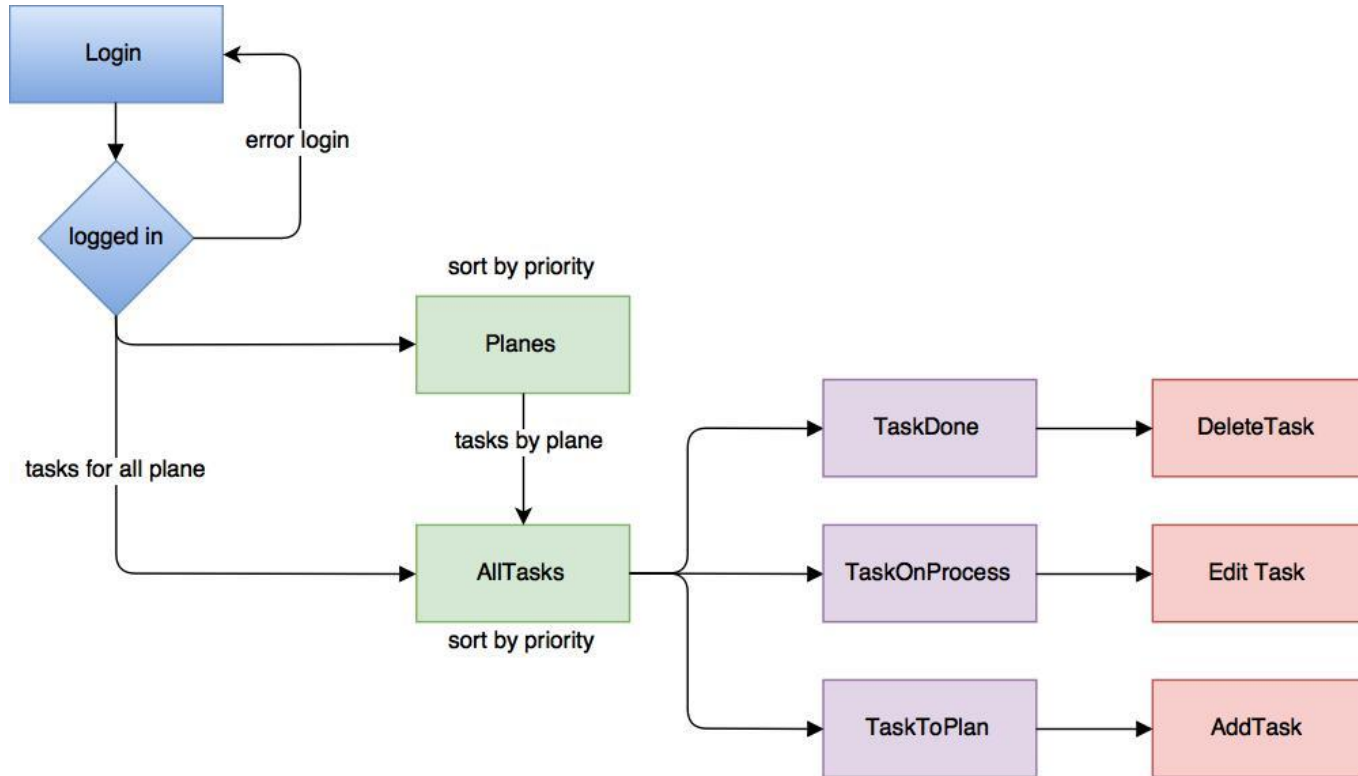
3 - Business Objects



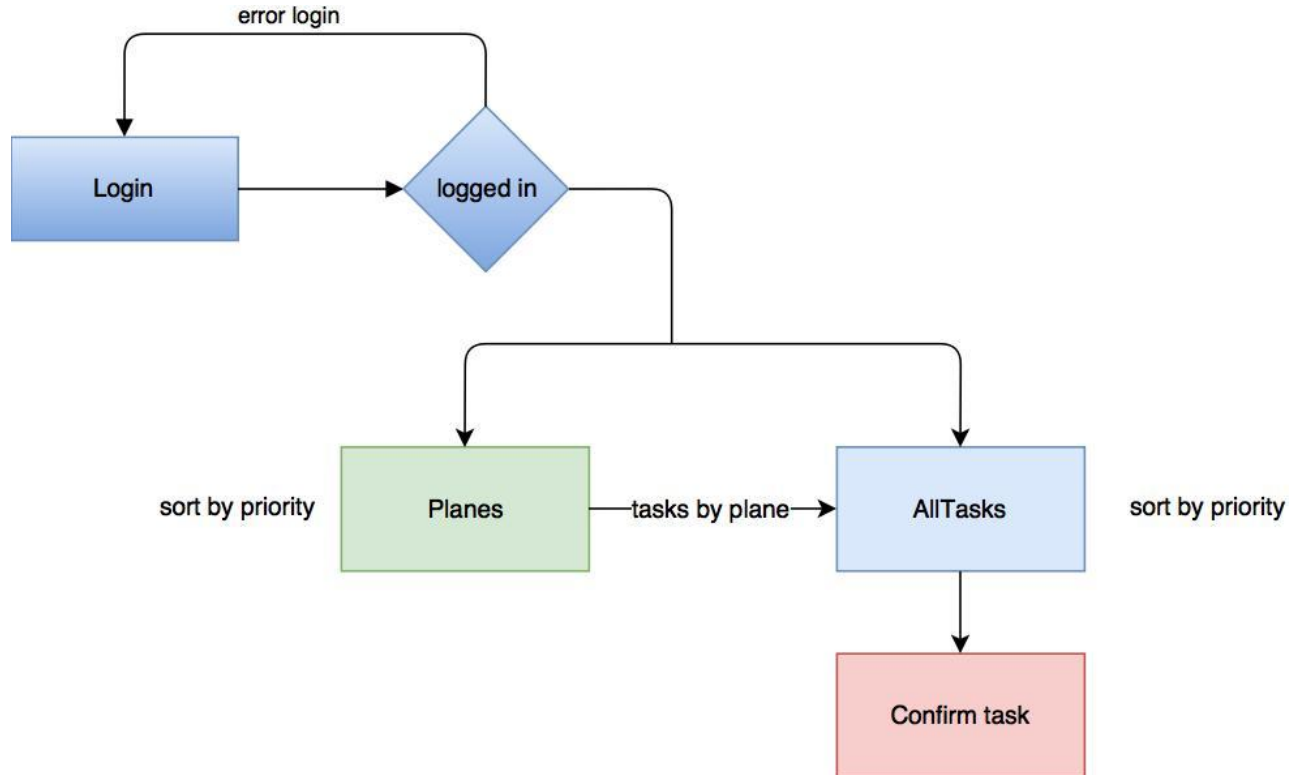
4 - Technical Diagram



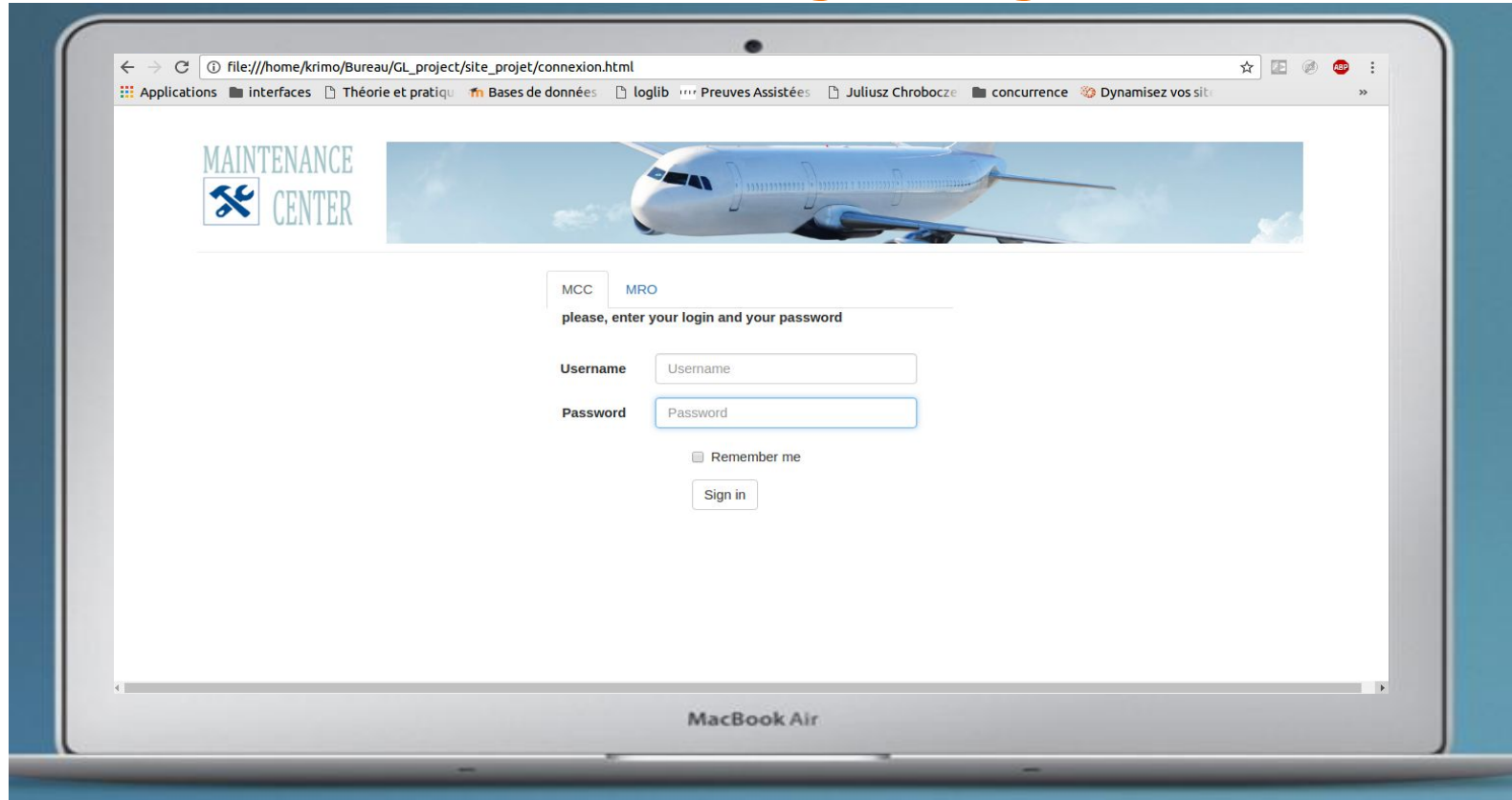
5 - Navigation Diagram : MCC Interface



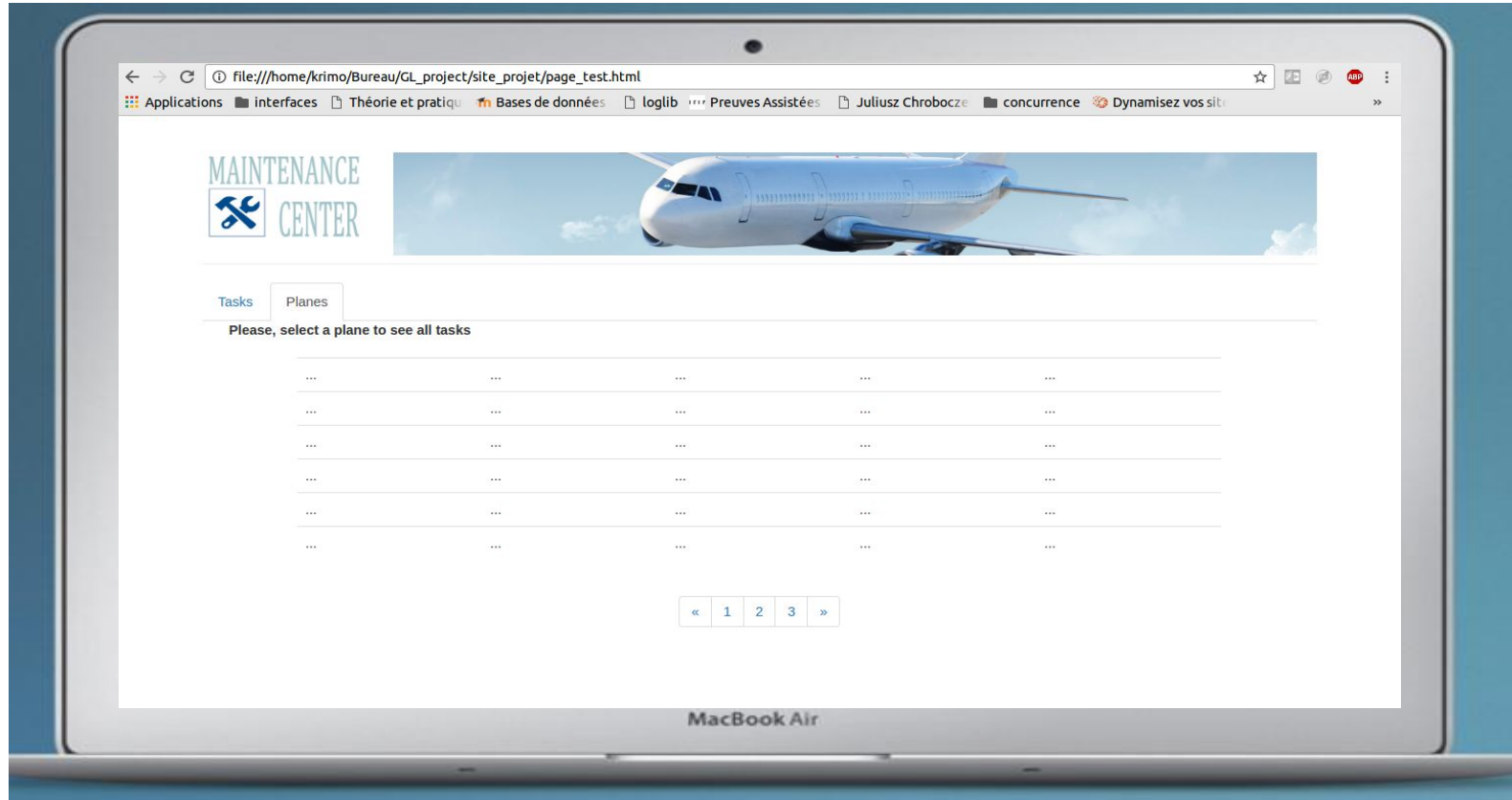
5 - Navigation Diagram : MRO Interface



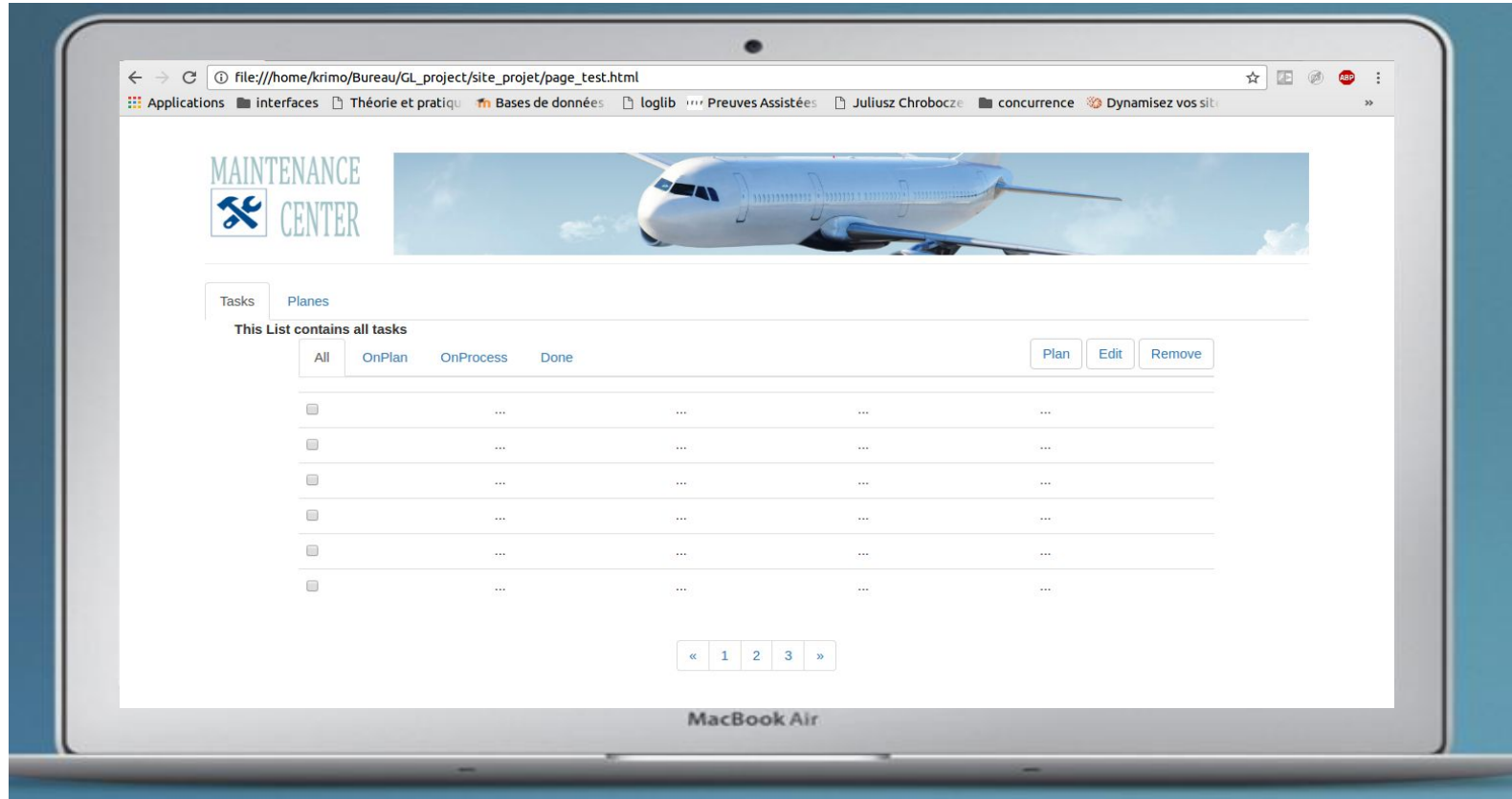
6 - Mockups : MCC/MRO Login Page



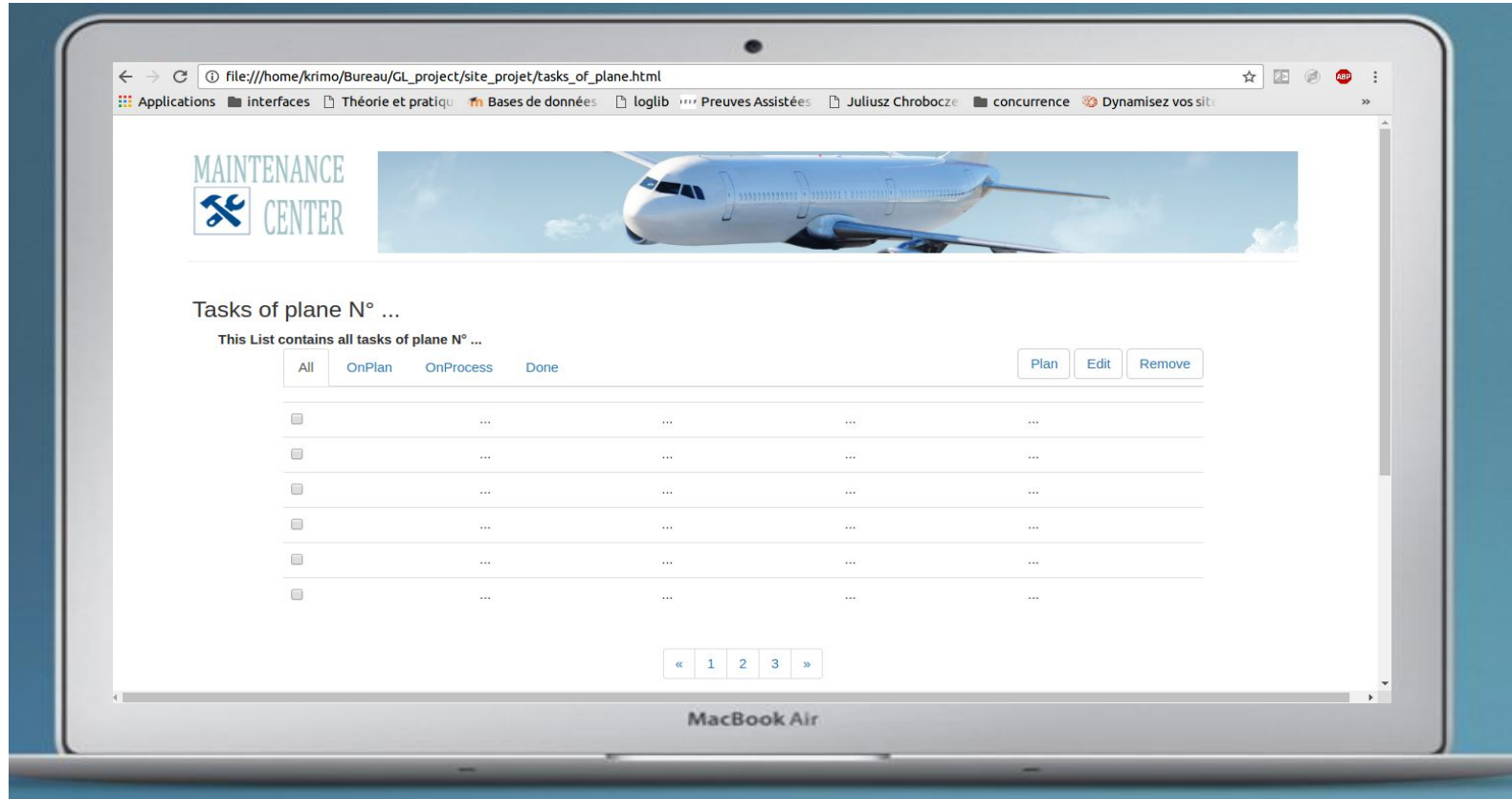
6 - Mockups : MCC Plane List



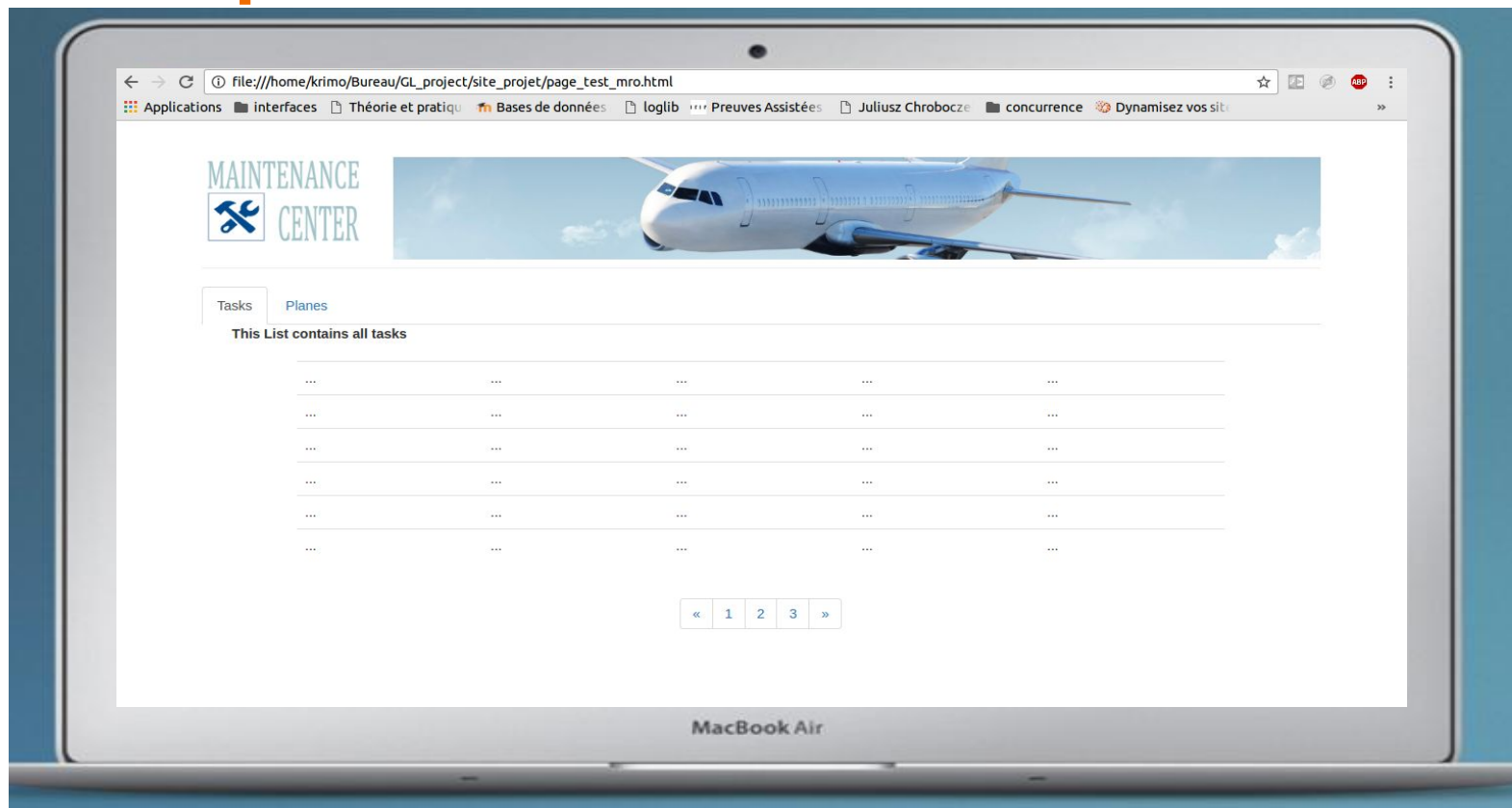
6 - Mockups : MCC Task List



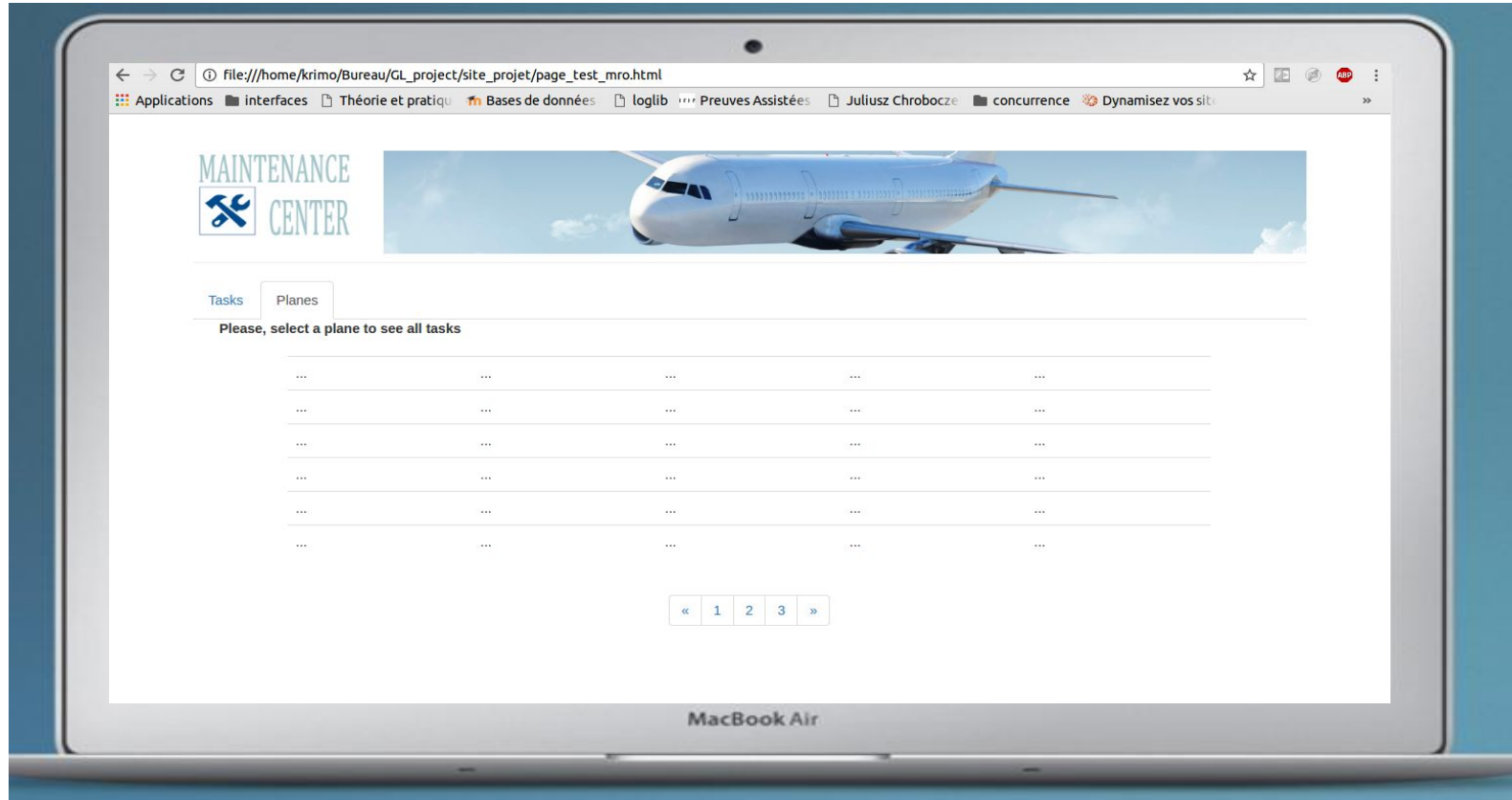
6 - Mockups : MCC Plane's Tasks



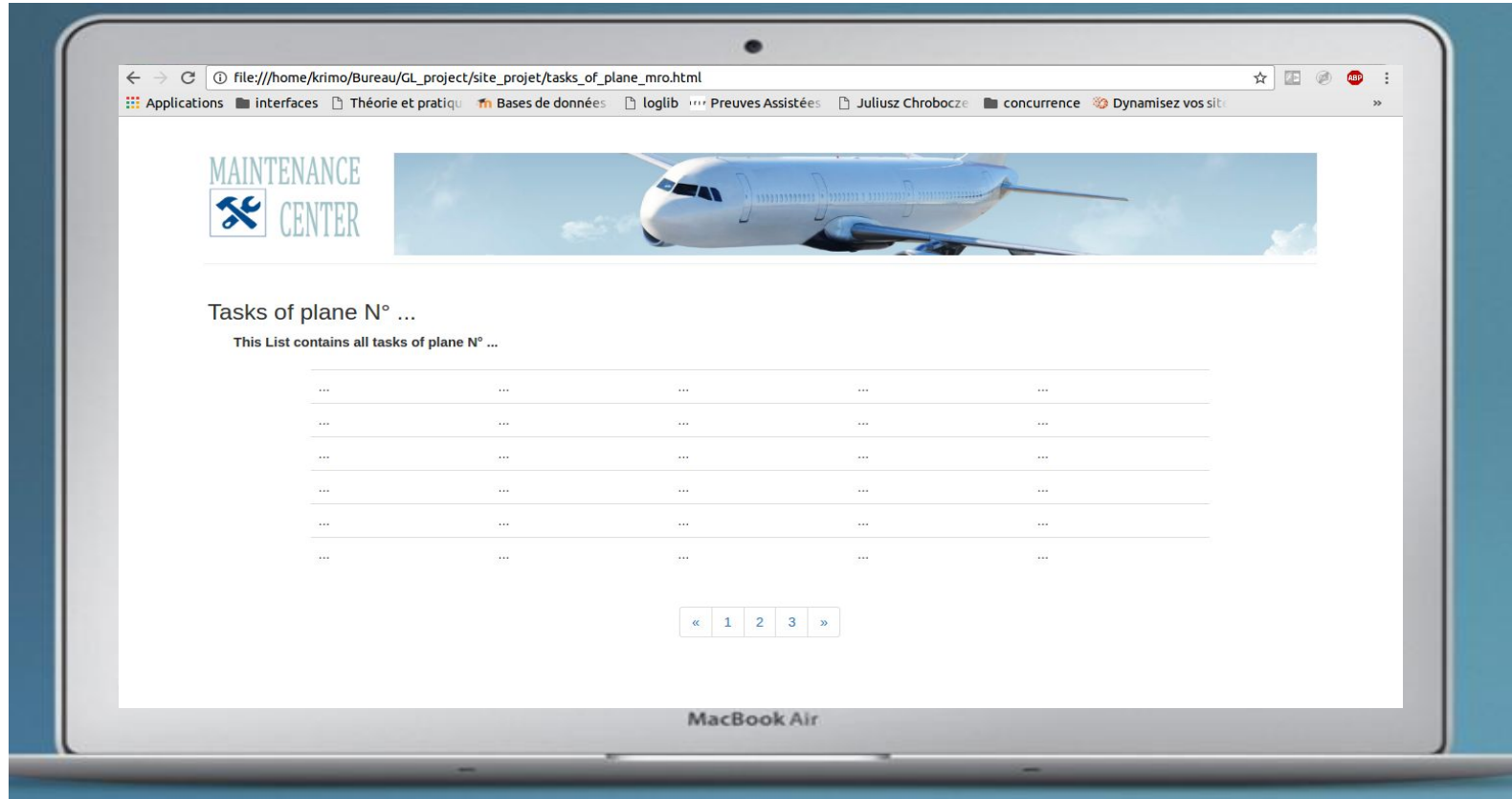
6 - Mockups : MRO Task List



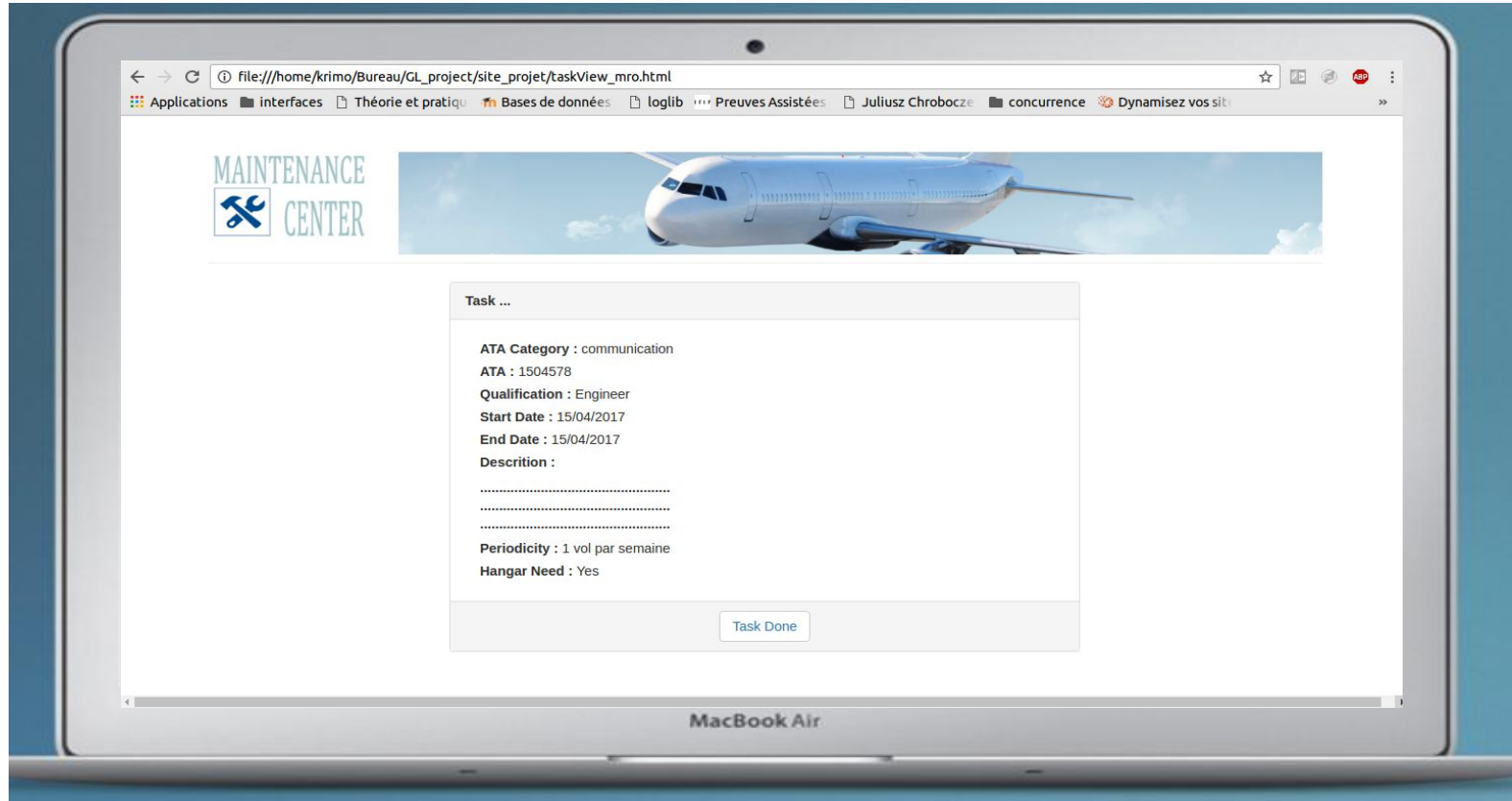
6 - Mockups : MRO Plane List



6 - Mockups Mobile : MRO Plane's Tasks



6 - Mockups Mobile : MRO Plane's Tasks



7 - Web Services

Type	URL	Behavior
GET	/task/mro/{user_id}	Returns a list of tasks by mro's role
GET	/task/all	Returns all the task
GET	/task/plane/{id}	Returns a list of taks for a selected plane
GET	/task/{task_id}	Returns all the properties of a task
POST	/task/add/	Add one new task
POST	/task/modify/{task_id}	Modify all the properties of a task
PUT	/task/update/{task_id}	Update one field of a task
DELETE	/task/delete/{task_id}	Delete a task

7 - Web Services

Type	URL	Behavior
GET	/flight/view/{flight_id}	Return all the properties of a flight
GET	/aircraft/view/{aircraft_id}	Return all the properties of a physic airplane
GET	/aircraft/view/{aircraft_id}/tasks	Return all tasks for a specific airplane

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