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| Use Case: *Generating EFPS* |
| ID: *1* |
| Goal: *Generating Electronic Flight Progress Strip (EFPS) for the aircraft.* |
| Primary actor: *Pilot* |
| Secondary actor(s): *Flight Plan Logging system, Air Controller (AIC), Ground Movements Controller (GMC), Pilot Database (PDB)* |
| Preconditions:   1. *Aircraft is not in the controlled airspace* |
| Post-conditions:   1. *EFPS is received by the AIC* 2. *Aircraft is ready for departure* |
| Main flow:  *1. Flight Plan Logging(FPL) system requests the details of the Flight Plan(FP)*  *2. Pilot enters the details of the Flight Plan in the FPL*  *3. FPL receives the details of FP*  *3. FPL requests for validation of Pilot name and license number*  *4. Pilot Database(PDB) receives the names and the license numbers*  *5. PDB validates the names and the license number*  *6. FPL receives confirmation from PDB*  *7. GMC sets the departure gate number in the FP*  *8. FP is completed and archived in Flight Plan Database.*  *9. EFPS is generated by the FPL System with the Flight Plan details.*  *10. EFPS is sent to the AIC system*  *11. EFPS is set as pending in the AIC system.* |
| Alternative flows:  *5a. PDB fails to validate the names and the license number*   1. *FPL receives the rejection from PDB* 2. *FPL requests the Pilot to enter the details again.* 3. *Repeat from step 2* |