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| Use Case: *Aircraft Departure* |
| ID: *2* |
| Goal: *<Process for aircraft departure >* |
| Primary actor: *<Pilot>* |
| Secondary actor(s): *<AIC>,<GMC>,<ATCC>* |
| Preconditions:  *1. Departure gate is set by GMC*  *2. EFPS approved by AIC* |
| Postconditions: *1. Successfully departed*  2. EFPS Handed over to ATCC |
| Main flow:   1. Pilot uses CMS for communication 2. GMC uses CMS for communication 3. Pilot gets in contact with GMC 4. Pilot informs of readiness 5. *GMC gets in contact with AIC* 6. *GMC requests for pushback from AIC* 7. AIC confirms pushback 8. GMC allows the aircraft to taxi to holding point 9. AIC takes over direct control of the aircraft 10. Aircraft awaits departure slot 11. Departure slot arrives 12. AIC instructs pilot to taxi 13. Pilot taxis and awaits final clearance. 14. Final clearance is given for take-off 15. Aircraft is airborne 16. Once airborne the AIC records the ATD on the EFPS 17. AIC requests the pilot to contact ATCC 18. AIC sends EFPS to ATCC 19. AIC marks (EFPS) as archive. |
| Alternative flows:  *<4.a> <Pilot not ready>*   1. *GMC awaits pilots response on readiness* 2. *All process are put on hold until pilot confirms readiness* 3. *Once readiness confirmed return to step 5*     *<6.a> <AIC denies Pushback>*   1. *Departure slot pushed back* 2. *Pilot awaits at gate until AIC confirms pushback* 3. *Once AIC confirms pushback return to step 7*   *…*  *<11.a> <Final clearance denied>*   1. *Pilot awaits at the end of the runway until final clearance given* 2. *Once clearance received return to Step 14*   *…* |