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| Use Case: Reaches *Control Zone* |
| ID: *4* |
| Goal: *Guiding pilot to the runway and send relevant information* |
| Primary actor: *Pilot* |
| Secondary actor(s): *Weather Station (WS)* |
| Preconditions:   1. *Aircraft approaches the control zone.* 2. *ATCC handovers the control to APC.* 3. *Pilot is instructed to contact APC.* |
| Post-conditions:   1. *AIC takes over the control* 2. *Pilot contacts AIC* |
| Main flow:   1. *Pilot contacts the APC.* 2. *APC receives contact and provides directional information to the pilot.* 3. *Pilot follows the glide path to the runway using the directional information.* 4. *Aircraft enters the Control Zone (CZ).* 5. *APC receives Weather Report (WR) from Weather Station (WS).* 6. *APC sends the WR to the aircraft’s on-board computer.* 7. *Pilot receives the WR from the on-board computers.* 8. *APC sends altitude and airspeed instruction on the EFPS periodically.* 9. *Pilot receives the instruction from the EFPS periodically.* 10. *Pilot reaches final approach.* 11. *APC sends WR, if WR changed significantly.* 12. *APC passes control to AIC.* |
| Alternative flows:  *12a. APC cannot pass the control to AIC because Control Zone is busy.*   1. *APC routes the aircraft to a holding stack* 2. *APC waits until landing slot is available* 3. *When a landing slot is available, AIC passes control to AIC*   *<ID> <condition>*  *1. <alternative step>*  *…* |