

## SEQUENCE DIAGRAM

Actors: Customer (101), Ultra-Plus System, Connected Factory (107), AVBET Payment (106)

1. Customer provides measurements -> Virtual Fitting Room (102) generates avatar
2. Smart Textile Comparator (103) filters garments by fit
3. Emotional Recommender (104) adapts suggestions based on mood
4. If no perfect match -> Creative Auto-Production (105) generates new garment design
5. AVBET (106) verifies iris and voice -> authorizes payment
6. JIT Production API (107) sends pattern + print file to factory
7. Factory produces garment -> ships directly to customer (108)
8. Automated Reoffer (109) re-engages with customer if purchase not completed

## MAIN API ENDPOINTS

- POST /avatar/build
- POST /fit/compare
- POST /recommend/pau
- POST /cap/generate
- POST /avbet/verify
- POST /avbet/pay
- POST /factory/order
- GET /factory/order/{id}/status
- POST /reoffer/send