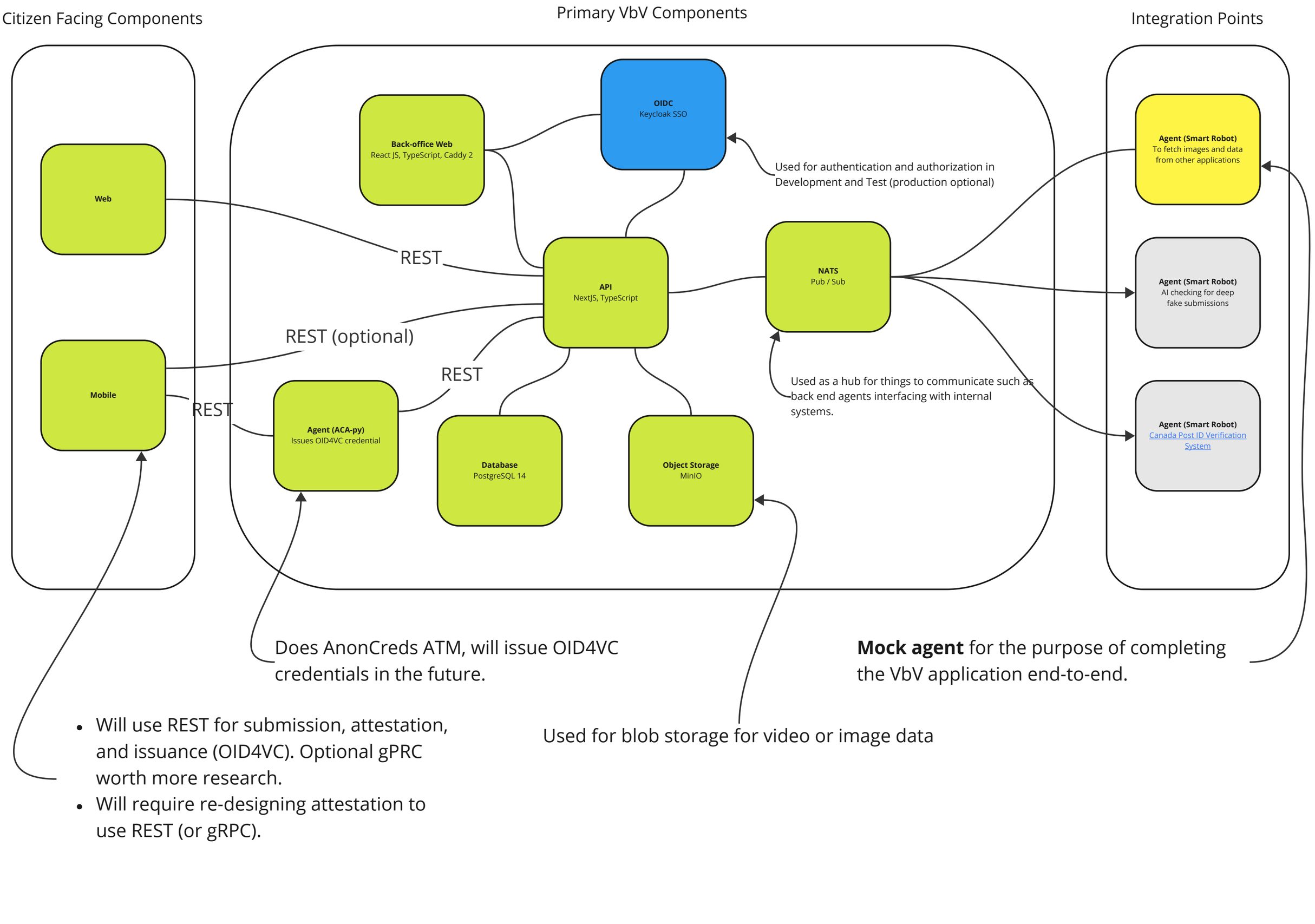Technical Design V3