@Getter @Setter @NoArgsConstructor @AllArgsConstructor public class CertificateIssueDTO { @JsonProperty("certificate_confirmation_number") private long certificateConfirmationNumber;

@JsonProperty("certificate_type_code") private String certificateTypeCode;

@JsonProperty("certificate_issue_date") private LocalDate certificateIssueDate;

@JsonProperty("resident") private ResidentSerialDTO residentSerialDTO; // Getters and Setters } @Getter @Setter @NoArgsConstructor @AllArgsConstructor public class FamilyMemberCertificateDTO { private LocalDate issueDate; private Long confirmationNumber; private String registrationBaseAddress; private List familyMembers; @Getter @Setter @NoArgsConstructor @AllArgsConstructor public static class FamilyMemberDTO{ private String relation; private String name; @JsonProperty("birth_date") @JsonFormat(pattern="yyyy-MM-dd'T'HH:mm:ss") private LocalDateTime birthDate; private String residentRegistrationNumber; private String gender;

} }

@Getter @Setter @NoArgsConstructor @AllArgsConstructor @ToString public class FamilyRelationshipDTO implements Serializable { private FamilyRelationshipPKDTO pk; private String familyRelationshipCode;

@Getter @Setter @NoArgsConstructor @AllArgsConstructor @ToString public static class FamilyRelationshipPKDTO implements Serializable { private int baseResidentSerialNumber; private int familyResidentSerialNumber; }

} @Getter @Setter @NoArgsConstructor @AllArgsConstructor public class HouseholdDTO { @JsonProperty("household_serial_number") private int householdSerialNumber;

@JsonProperty("household_resident_serial_number") private ResidentSerialDTO householdResidentDTO;

@JsonProperty("household_composition_date") @JsonFormat(pattern="yyyy-MM-dd") private LocalDate householdCompositionDate;

@JsonProperty("household_composition_reason_code") private String householdCompositionReasonCode;

@JsonProperty("current_house_movement_address") private String currentHouseMovementAddress;

}

@Getter @Setter @NoArgsConstructor @AllArgsConstructor public class HouseholdMovementAddressDTO { private PKDTO pkDTO; @JsonProperty("house_movement_address") private String houseMovementAddress; @JsonProperty("last_address_yn") private String lastAddressYn; @JsonProperty("household_serial_number") private int householdSerialNumber;

@Getter @Setter @NoArgsConstructor @AllArgsConstructor public static class PKDTO { @JsonProperty("household_serial_number") private int householdSerialNumber; @JsonProperty("house_movement_report_date") @JsonFormat(pattern="yyyy-MM-dd") private LocalDate houseMovementReportDate; } }

public class KoreanResidentRegistrationDTO { private LocalDate issueDate; private Long confirmationNumber; private LocalDate householdCompositionDate; private String

householdCompositionReasonCode; private List householdCompositionResidents; private List householdMovementAddresses; @Getter @Setter @NoArgsConstructor @AllArgsConstructor

public static class HouseholdMovementAddressDTO {

```
    private Date houseMovementReportDate;

    private String houseMovementAddress;

    private String lastAddressYn;
```

} @Getter @Setter @AllArgsConstructor @NoArgsConstructor

public static class HouseholdCompositionResidentDTO{ private String householdRelationCode; private String name; private String residentRegistrationNumber; private LocalDate reportDate; private String householdCompositionReasonCode; } }

@NoArgsConstructor @AllArgsConstructor @Getter @Setter public class ResidentDTO implements Serializable { @JsonProperty("resident_serial_number") private int residentSerialNumber;

@JsonProperty("name") private String name;

@JsonProperty("resident_registration_number") private String residentRegistrationNumber;

@JsonProperty("gender_code") private String genderCode;

@JsonProperty("birth_date") @JsonFormat(pattern="yyyy-MM-dd'T'HH:mm:ss") private LocalDateTime birthDate;

@JsonProperty("birth_place_code") private String birthPlaceCode;

@JsonProperty("registration_base_address") private String registrationBaseAddress;

@JsonProperty("death_date") @JsonFormat(pattern="yyyy-MM-dd'T'HH:mm:ss") private LocalDateTime deathDate;

@JsonProperty("death_place_code") private String deathPlaceCode;

@JsonProperty("death_place_address") private String deathPlaceAddress; }

@Getter @Setter @NoArgsConstructor @AllArgsConstructor public class ResidentSerialDTO implements Serializable { private int residentSerialNumber; }