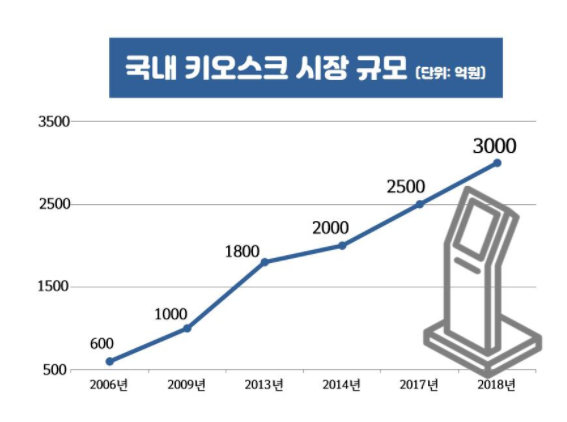
1. 서론 및 프로그램 소개

Order-in-Chatbot 은 Etri의 대화처리 API를 사용하여 웹 상에서 매장의 키오스크 위에 있는 매장별 숫자코드를 입력하는 것 만으로도 주문을 할 수 있도록 하여 노인을 포함한 디지털 소외계층 또한 간단하게 주문을 할 수 있는 웹 어플리케이션이다.

최근 국내 키오스크 시장을 살펴보면 21년 6월 기준으로 올 상반기 국내 주요 제조사들의 키오스크 출하수량은 약 1만 2915대로 작년 상반기의 8120대와 비교하면 1년만에 59%가 성장한 수치를 보여주고 있다. 이 배경에는 코로나19 확산으로 인한 음식점과 카페의 매출 감소와 함께 최저임금 인상으로 인한 인건비 증가 우려가 있는데, 실제로 키오스크로 인력을 대체할 경우 초기비용은 200만원에서 300만원 정도로 직원 한 명을 대체하더라도 두 달 정도면 투자비용 회수가 가능하다. 그렇다면 이러한 이유로 봤을 때 키오스크 시장의 확대는 코로나로 인한 언택트 시대와 인건비 상승이 맞물린 결과로 볼 수 있을까?

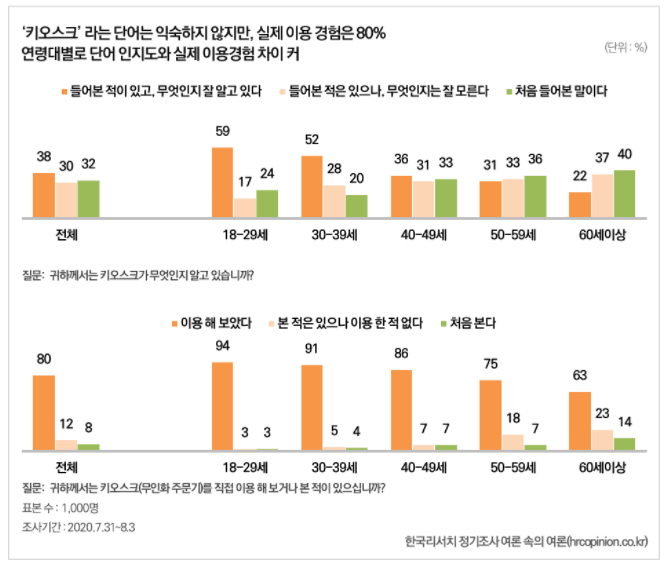
<그림 1>은 코로나19가 닥치기 전, 인건비가 급등하기 직전인 다음 2018년도의 키오스크 시장 규모 그래프이다. 2006년부터 2018년까지 코로나 이전에도 나 홀로 문화의 영향과 1인 가구 증가, 최저임금 인상과 정보통신 기술의 발달 등이 언택트 문화를 꾸준하면서도 급속도로 발전시켜 왔고, 이는 당연하게도 키오스크의 보급으로 이어진 것이다. 결론적으로 국내 무인 키오스크 시장 규모는 꾸준히 성장할 것으로 예상된다.



**<그림 1> 코로나 이전 국내 키오스크 시장 규모**

급속도로 흐르는 언택트 기류를 따라 함께 발전해온 무인 키오스크가 디지털 취약 계층에게는 위협으로 다가왔다. "키오스크에서 버튼을 누르다 첫 화면으로 돌아갔는데 뒷사람이 눈치를 주더라. 뒤를 돌아보니 줄이 길어 주문을 포기하고 그 자리에서 도망쳤다"(출처/조선비즈 <https://biz.chosun.com/topics/topics_social/2021/04/29/6NT56Z2WJRHG5FDKIKMSQTASYI/>). 이는 한 기사에 실린 글의 일부이다. 키오스크를 사용하다 주위의 눈치를 보며 물러난 경험은 이 외에도 많은 기사에서 찾아볼 수 있다. 이렇게 누군가에게는 분명히 어려운 존재인 키오스크인데, 다음 표를 보면서 그 '누군가'가 속한 시민 연령층에 대해 이해해보고자 한다.

다음은 한국리서치에서 진행한 조사로, '키오스크'라는 단어, 정보와 이용 경험에 대한 설문조사이다. 10대에서 40대까지는 키오스크가 무엇인지, 어떻게 사용하는 것인지를 잘 인지하고 있는 반면 50대로 넘어가자 처음 들어본 말이라는 반응이 가장 높은 비율을 차지했다. 다시 말해서 50대 이상의 노인계층 중에는 이름이 무엇이고 어떻게 사용하는지도 잘 모르는 기계를 이용하고자 한 적이 매우 높다는 뜻이다



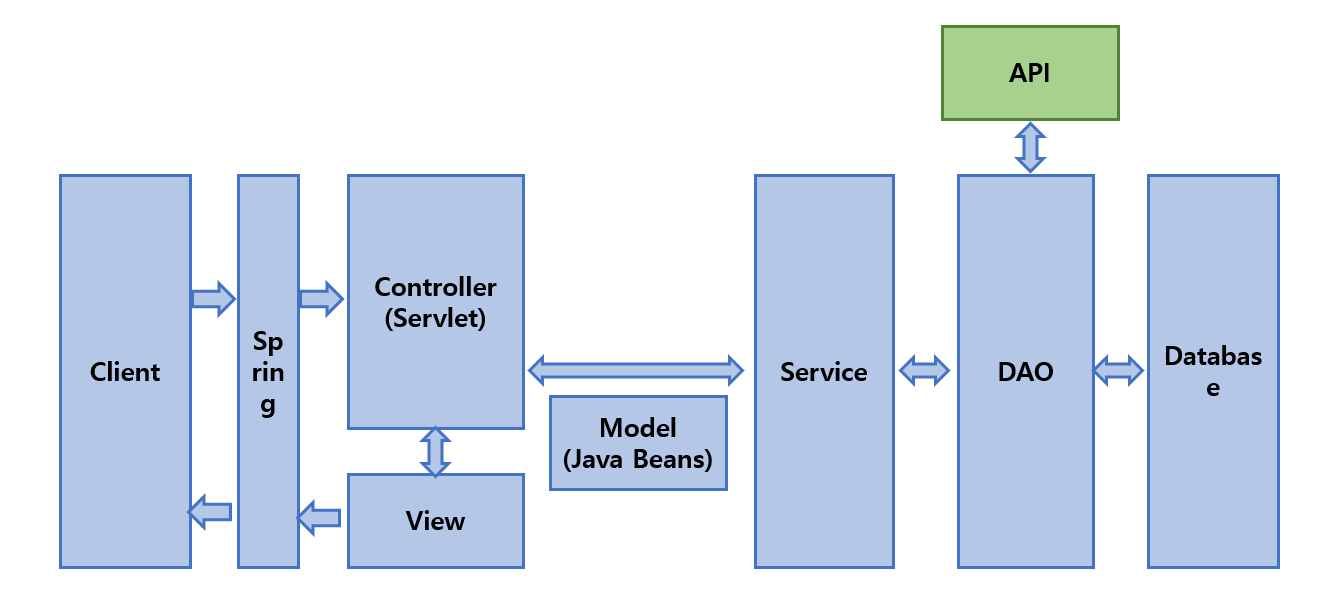
**<그림 2> 키오스 사용 설문조사**

지난 7일 보건복지부가 발표한 ‘2020년 노인실태조사’에 따르면 키오스크로 식당 주문을 사용한 노인 중 64.2%가 불편함을 느꼈다고 발표했다. 한국소비자원이 65세 이상 소비자를 대상으로 설문조사를 실시한 결과, 복잡한 단계를 불편한 이유로 꼽는 어르신들이 51.4%로 가장 많았다. 다음 단계 버튼을 찾기 어려움이 51.0% 뒷사람 눈치가 보임이 49.0% 같은 이유를 시니어들이 불편하다고 지적했다. 한국소비자원은 “고령 소비자 10명을 선정해 현장에서 키오스크를 이용하는 모습을 관찰한 결과, 모두 조작방식을 이해하는 데 어려움을 겪었다. 시간 지연 등으로 심리적 부담감도 상당히 큰 것으로 보인다”고 분석했다. 따라서 정부에서는 ‘지능정보화 기본법’, ‘고령층 친화 키오스크 접근성 표준안’, ‘지자체 키오스크 교육’을 실행하고 있다. 키오스크의 접근성은 해결할 수 있지만 디지털 소외계층에게 새로운 형태의 키오스크는 또다시 불편함을 가져다 줄 수 있다. 따라서 근본적인 키오스크 사용 문제점은 해결하고 있지 못하고 판단된다.

키오스크 접근성 해결이라는 해결방안보다는 디지털소외계층에게 새로운 형태의 주문시스템을 통해 디지털 소외계층의 비대면 주문 문제를 해결하고자 한다.

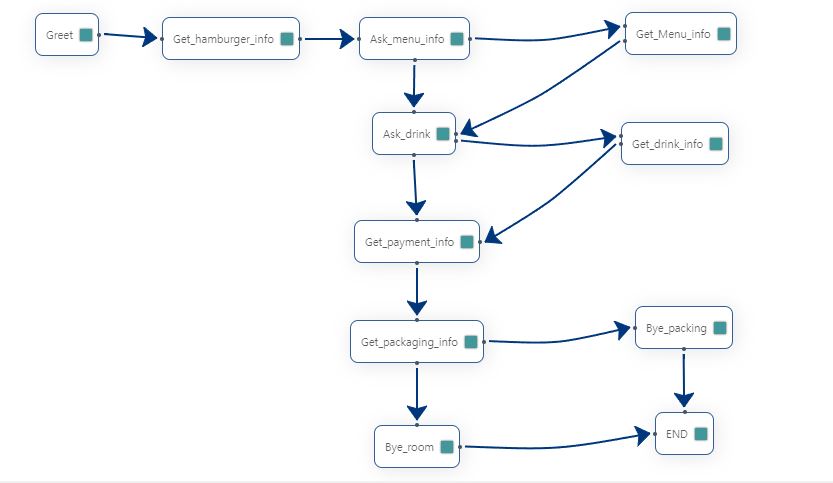
1. 본론 및 프로그램 설명

시스템 구조는 <그림 1>과 같다.



**<그림 3> 시스템 구조도**

**Task Graph**



**<그림 4>Mc\_donald 도메인(맥도날드)**

* Task 설명

Greet - 인사 태스크

Get\_hamburger\_info - 햄버거 정보 묻는 태스크

Ask\_menu\_info - 사이드 메뉴 질문 태스크

Get\_Menu\_info - 사이드 메뉴 정보 묻는 태스크

Ask\_drink - 음료 주문 여부 묻는 태스크

Get\_drink\_info - 음료 정보 묻는 태스크

Get\_payment\_info - 결재 수단 묻는 태스크

Get\_packaging\_info - 포장 질문 태스크

Bye\_packing - 포장 태스크

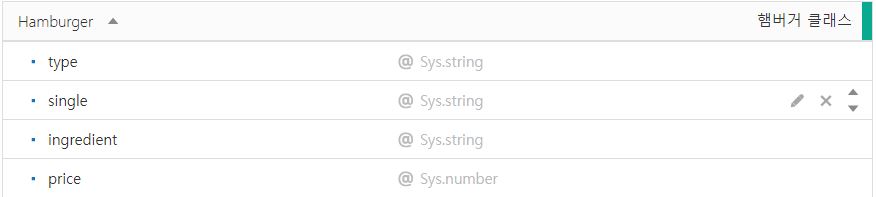
Bye\_room - 매장 태스크

END – 끝

* Task 이동 설명
* Greet
  + To => Get\_hamburger\_info
    - true
* Get\_hamburger\_info
  + To => Ask\_menu\_info
    - ( Entity("Hamburger.type", "user\_history", "true") and Instance("Hamburger.type", "true")) and ( Entity("Hamburger.single", "user\_history", "true") and Instance("Hamburger.single", "true")) and ( Entity("Hamburger.ingredient", "user\_history", "true") and Instance("Hamburger.ingredient", "true"))
* Ask\_menu\_info
  + To => Get\_Menu\_info
    - Intent("user", "affirm", "0", "true")
  + To => Ask\_drink
    - Intent("user", "negate", "0", "true")
* Get\_Menu\_info
  + To => Ask\_drink
    - ( Entity("Side.type", "user\_history", "true") and Instance("Side.type", "true") and Intent("user", "inform\_side", "0", "true") ) or Intent("user", "inform\_no\_side", "0", "true")
* Ask\_drink
  + To => Get\_drink\_info
    - Value("Ask\_drink.answer", "user\_history") == "yes"
  + To => Get\_payment\_info
    - Value("Ask\_drink.answer", "user\_history") == "no"
* Get\_drink\_info
  + To => Get\_payment\_info
    - ( Entity("Drink.type", "user\_history", "true") and Instance("Drink.type", "true") and Intent("user", "inform\_drink", "0", "true") ) or Intent("user", "inform\_no\_drink", "0", "true")
* Get\_payment\_info
  + To => Get\_packaging\_info
    - Entity("Order.payment\_type", "user\_history", "true") and Intent("user", "inform\_payment\_type", "0", "true")
* Get\_packaging\_info
  + To => Bye room
    - Intent("user", "affirm", "0", "true")
  + To => Bye\_packing
    - Intent("user", "negate", "0", "true")"
* Bye\_packing
  + To => End
    - Intent("system", "bye", "0", "true") Get\_payment\_info
* Bye\_room
  + To => End
    - Intent("system", "bye", "0", "true") Get\_payment\_info

**Entities**

**1. Get\_hamburger\_info**



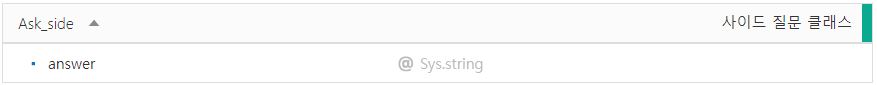
Hamburger.type – 햄버거 종류 Entities

Hamburger.single – 단품, 세트 Entities

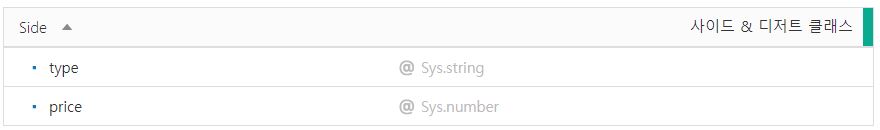
Hamburger.ingredient – 햄버거 재료 Entities

Hamburger.price – 햄버거 가격 Entities

**2. Ask\_menu\_info**



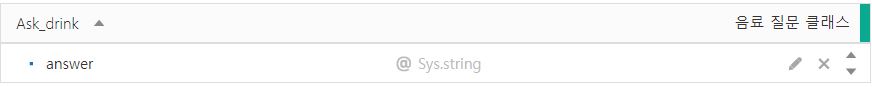
Ask\_side.answer – 사이드 질문 Entities

**3. Get\_Menu\_info**

Side.type – 사이드 종류 Entities

Side.price – 사이드 가격 Entities

**4. Ask\_drink**



Ask\_drink.answer – 사이드 질문 Entities

**5. Get\_drink\_info**

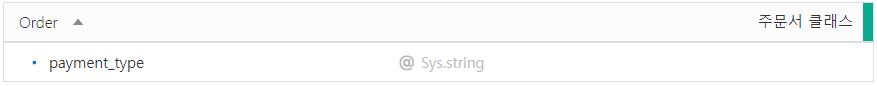
![테이블이(가) 표시된 사진

자동 생성된 설명](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDsRXhpZgAATU0AKgAAAAgABAE7AAIAAAATAAAISodpAAQAAAABAAAIXpydAAEAAAAOAAAQ1uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAOq5gO2YhOyImOq5gO2YhOyImAAAAAWQAwACAAAAFAAAEKyQBAACAAAAFAAAEMCSkQACAAAAAzk2AACSkgACAAAAAzk2AADqHAAHAAAIDAAACKAAAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAyMDIxOjEwOjE3IDIxOjExOjMyADIwMjE6MTA6MTcgMjE6MTE6MzIAAABArgTWGMJArgTWGMIAAP/hCyVodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDIxLTEwLTE3VDIxOjExOjMyLjk1NjwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT7quYDtmITsiJjquYDtmITsiJg8L3JkZjpsaT48L3JkZjpTZXE+DQoJCQk8L2RjOmNyZWF0b3I+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwAHBQUGBQQHBgUGCAcHCAoRCwoJCQoVDxAMERgVGhkYFRgXGx4nIRsdJR0XGCIuIiUoKSssKxogLzMvKjInKisq/9sAQwEHCAgKCQoUCwsUKhwYHCoqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioq/8AAEQgAeANoAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A+hYIITbxkxISUGSVHpT/ALPD/wA8Y/8AvkUW/wDx6xf7g/lUtAEX2eH/AJ4x/wDfIo+zw/8APGP/AL5FUH8TaDHqX9nya3pyXvmCP7M13GJN56LtznPPStSjzAi+zw/88Y/++RR9nh/54x/98iiG4huVZreaOVUdo2MbBtrKcFTjuDwR2ps95BbTW8U77XuZPKiGCdzbWbHHT5VY8+lADvs8P/PGP/vkUfZ4f+eMf/fIqWigCL7PD/zxj/75FH2eH/njH/3yKlooAi+zw/8APGP/AL5FH2eH/njH/wB8ipaKAIvs8P8Azxj/AO+RR9nh/wCeMf8A3yKlooAi+zw/88Y/++RR9nh/54x/98ipaKAIvs8P/PGP/vkUfZ4f+eMf/fIqWigCL7PD/wA8Y/8AvkUfZ4f+eMf/AHyKlooAi+zw/wDPGP8A75FH2eH/AJ4x/wDfIqWigCL7PD/zxj/75FH2eH/njH/3yKlooAi+zw/88Y/++RR9nh/54x/98ipaKAIvs8P/ADxj/wC+RR9nh/54x/8AfIqWigCL7PD/AM8Y/wDvkUfZ4f8AnjH/AN8ipaKAIvs8P/PGP/vkUfZ4f+eMf/fIqWigCL7PD/zxj/75FH2eH/njH/3yKlooAi+zw/8APGP/AL5FH2eH/njH/wB8ipaKAIvs8P8Azxj/AO+RR9nh/wCeMf8A3yKlooAi+zw/88Y/++RR9nh/54x/98ipaKAIvs8P/PGP/vkUfZ4f+eMf/fIqWigCL7PD/wA8Y/8AvkUfZ4f+eMf/AHyKlooAi+zw/wDPGP8A75FH2eH/AJ4x/wDfIqWigCL7PD/zxj/75FH2eH/njH/3yKlooAi+zw/88Y/++RR9nh/54x/98ipaKAIvs8P/ADxj/wC+RR9nh/54x/8AfIqWigCL7PD/AM8Y/wDvkUfZ4f8AnjH/AN8ipaKAIvs8P/PGP/vkUfZ4f+eMf/fIqWigCL7PD/zxj/75FH2eH/njH/3yKlooAi+zw/8APGP/AL5FH2eH/njH/wB8ipaKAIvs8P8Azxj/AO+RR9nh/wCeMf8A3yKlooAi+zw/88Y/++RR9nh/54x/98ipaKAIvs8P/PGP/vkUfZ4f+eMf/fIqWigCL7PD/wA8Y/8AvkUfZ4f+eMf/AHyKlooAi+zw/wDPGP8A75FH2eH/AJ4x/wDfIqWigCL7PD/zxj/75FH2eH/njH/3yKlooAi+zw/88Y/++RR9nh/54x/98ipaKAIvs8P/ADxj/wC+RR9nh/54x/8AfIqWigCL7PD/AM8Y/wDvkUfZ4f8AnjH/AN8ipaKAIvs8P/PGP/vkUfZ4f+eMf/fIqWigCL7PD/zxj/75FH2eH/njH/3yKlooAi+zw/8APGP/AL5FH2eH/njH/wB8ipaKAIvs8P8Azxj/AO+RR9nh/wCeMf8A3yKlooAi+zw/88Y/++RR9nh/54x/98ipaKAIvs8P/PGP/vkUfZ4f+eMf/fIqWigCL7PD/wA8Y/8AvkUfZ4f+eMf/AHyKlooAi+zw/wDPGP8A75FH2eH/AJ4x/wDfIqWigCL7PD/zxj/75FH2eH/njH/3yKlooAi+zw/88Y/++RR9nh/54x/98iquq6tBpMMTSxyzSzyCKCCFQXmcgnaMkAcAnJIAA5IqtaeIDNfxWeoaVfaXLcZ8j7V5TLKVGSAYpHAIHOGxkZxnBwAaf2eH/njH/wB8ij7PD/zxj/75FVdS1C5sfL+y6Re6lvzu+yvCuz6+ZInX2z0qvYa7Jd6mLG70a/06VoWmQ3LQMrhSoOPLkfn5h1xRuBpfZ4f+eMf/AHyKPs8P/PGP/vkVISFUliAAMkntXEP8VtFV2AiDAHAYarp2D783NFwOz+zw/wDPGP8A75FH2eH/AJ4x/wDfIqja60L/AMOW+sadY3V0lzCk0duhjWUhsf3nC5AP9786oReLPNvIbWTSrq0ne9FpJHdPHlMwtKGHls4IwuMZHX2oejsw31N37PD/AM8Y/wDvkUfZ4f8AnjH/AN8iq+j6h/a2h2Wo+V5X2u3Sby927ZuUHGcDPWksdXtdRvdQtbZiZdPmEMwOPvFFfjnphsfUGm007AWfs8P/ADxj/wC+RXnvxUurjTv7K/s+eS18zzt/kOU3Y2Yzjr1P516PXmfxg/5g/wD23/8AadXT+JHlZvJxwM2nbb80YPgjVdRufGmnRXN/dSxs7bkkmZlPyk9CaKqeAf8AketM/wB9v/QGoqq3xHLkEpTwsnJ395/kj3C3/wCPWL/cH8qlqK3/AOPWL/cH8qlrE98xNGhhubHVILqOOWCS+uFkjkUMrKW5BB4IrH0aXULptHsrXUpbayNnNMGjVHeVFmQRfM4bgxnnuc9jzWzL4T0ma6mmljunE7l5YGvpzBIT13Q7/LIPcFcGtP7HB9sS6EeJo4jErAnhCQSMdOqj8qUNFFPovyVvzFK7vb+tb/kc2b3Vb64tbWDUTaia/u4ZJUiRnEaFtoXcCARgckHvkGqOsapdaamnPdedqUun6w0QkwqvIptZGDPtAUYD/MVHRSQO1dbHpdnDKkkcOHjlklU7jwz53Hr3yaG0uza4SdocyJcfaVbceJPLMe7r/dJGOn401p9346FdX8/xuLpqTpYobq9F7JJ85lVFVOecIB/CO2STjqTVuq1jYW2nQGGyjMURcuI9xKqT1Cgn5R7DAHpVmgRyXjPVNXjjFhodleM7YMtzDC5Cj+6pA6+p/CtXw3qd3qWmg6nZz2t3HhZBLEyB/wDaGR+natiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA5Hx19vMNpDbrBcR3U6xQ24sjJMJgrvvWT7TCEwFOCCCD0PNYOkWuv2HiCyW6he2nuS8UFzqVu90EwpdlUnUZCmQvUDnAz2rvtV0ez1mGKO+WbEMvmxtBcSQuj4K5DIwPRiOveqlr4W020v4bxGv5prckxG51K4nVCVKkhZJCM4JGcd6I6MJarQ5L4g3GiPrdhJdap4ba5t2+yy2erwpceWsrITLsMildoXPPY9qTwXqWhW3iS9gg1DwdEyuttB/ZVoltLdblRsqRM2RkldoB5Xr2r0eiiOn9f15/eD1ZBeQSXNo8MF3NZu2MTwBC6c9g6svtyDXl517xNIC1tf6vPEc7JEt5CHHYgjSiD+BI969XrATwZpMSBIZdViQfdSPWbtFUegAlwB7ClYfQxmtL2z+GVggk1glms2khUEXNtDvj3xDyI0f5V3A/Lu6/Sql1babNPpcGhS61Yyzaqry3V3DceaT9mmA2tdowbhcYwcD0rvra3S1to4IjIyRqFUyytIxHuzEkn3JJplzY295JbSXEe9rWXzoTuI2vtZc8deGYc+tVJ3bBPT7zldP1O207wD4djuvENlovnWMQMty0Yd1EYz5e8hQwJByVYe3NMbVvB1skcmieLNGsLqJCglN9FKsoJLYlBfL/MS2chsk4Ybmz11naQWFjBZ2ieXBbxrHGmSdqgYAyeTxU9OTvJsGyK2njubWKeGaOeORA6yxHKOCMhgcng/WvOPjB/zB/+2/8A7Tr0yvM/jB/zB/8Atv8A+06qn8Z4+c/7hP5fmjlvAP8AyPWmf77f+gNRR4B/5HrTP99v/QGoqq3xHLw9/usv8T/JHtsE8It4wZUBCDILD0p/2iH/AJ7R/wDfQot7eFrWItDGSUBJKjnipPs0H/PCP/vgVifQkf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30KPtEP/PaP/voVJ9mg/54R/8AfAo+zQf88I/++BQBH9oh/wCe0f8A30KPtEP/AD2j/wC+hUn2aD/nhH/3wKPs0H/PCP8A74FAEf2iH/ntH/30K89+Klrcaj/ZX9nwSXXl+dv8hC+3OzGcdOh/KvRvs0H/ADwj/wC+BR9mg/54R/8AfAqoy5Xc5cXh1iqMqLdr/wCdzxbwRpWo23jTTpbmwuoo1dtzyQsqj5SOpFFezTQRIiskSKQ6YIUD+IUU5y5ncywOCjgqTpxd7u/5f5D7b/j0h/3F/lUtRW3/AB6Q/wC4v8qlqDvCiisrxJdatZ6HLN4etI7u/Vl2Qy/dIyM9x2z3qox5pJEylyxbNWiq2myXU2lWkuoxLDdvAjTxr0SQqNwHJ4Bz3NJqkTz6TdRxXEls7RMBLEFLLx1G4EfmDUT91PyKj71vMtUVxPhyS90fQ/C8k+pTXGn3FoI5hOkQ8pmiVo8FVUhRsZeck7xnPFNt9Q13Vdb0q3j1Z7K11Kzur0+XbRmRIxJF5IUupAYK4zuDdW4zgi3H3uVeYk7xudxRXCXOva2kUelW5u7u5/tCW1a8tI4FmeOOMPlRKVi38hScY+ViFHGOj8My6tJp0q65b3EUsc7LC90YfNljwCGcQkoDkkcY+7nAzUrUZsUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFNllSGJpJWCIoyWJ4FOrM1cCSaxhk/wBTJcDeD0bAJAP40AO/tyzxuImEX/PUwtt/PFX45EljV42DowyGByDXIm8bbFLLqEwma62SwF8KqZ9PSt3Q9ot7lYjmFblxFjpt46e2c0AX5riG3ANxNHED0LsFz+dSAhlBU5B5BHeqVzFPFe/bLdFm/d+W8RODjOcqfX2NV/7R8pZJEOYZIA9su0DB+6V/Mr+dAGrRWY0tzb3Ua3k8iR4RVkWNSjtxndxkEk8dBU2oSTxGNkaVIACZXhUMy9McEHjrnAJoAu015Ej2+Y6ruO1dxxk+lZsQaTWvNW5dlNsrjaFwwyeOmcd/X3qGGWeWwsLi4l815p0yGjXC9enHX3/KgDaorGNzeC2uLr7ScQ3BRYti4KhsYJxnvT5ri6ktb25iufK8guqRhVI+XucjOT/hR0uBrUU2Ji0KM3JKgmnUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBFcf6sf76f+hCii4/1Y/30/8AQhRQAW3/AB6Q/wC4v8qlqtb3EK2sQaaMEIAQWHHFSfaYP+e8f/fYoAloqL7TB/z3j/77FH2mD/nvH/32KAJaCMjB5FRfaYP+e8f/AH2KPtMH/PeP/vsUAc5q3hyNtFj8O6ZYzmyuZVaSaS5Lx2yKykqNz7xkDCqo2j2HV2r+Gxq3jHTrmeCT7FbWE8fnQXDQvFIzxFQrIwcZVXGR2yD1weh+0wf894/++xR9pg/57x/99ihaO/8AW1gM6TwxpEmkxacbUrbwyebGY5nSRJMklxKCH3kk5bOTk5JyavWNjBp1qLe28zYDktLK8rsfVnclmPuSegp/2mD/AJ7x/wDfYo+0wf8APeP/AL7FAEtFRfaYP+e8f/fYo+0wf894/wDvsUAS0VF9pg/57x/99ij7TB/z3j/77FAEtFRfaYP+e8f/AH2KPtMH/PeP/vsUAS0VF9pg/wCe8f8A32KPtMH/AD3j/wC+xQBLRUX2mD/nvH/32KPtMH/PeP8A77FAEtFRfaYP+e8f/fYo+0wf894/++xQBLRUX2mD/nvH/wB9ij7TB/z3j/77FAEtFRfaYP8AnvH/AN9ij7TB/wA94/8AvsUAS0VF9pg/57x/99ij7TB/z3j/AO+xQBLRUX2mD/nvH/32KPtMH/PeP/vsUAS0VF9pg/57x/8AfYo+0wf894/++xQBLRUX2mD/AJ7x/wDfYo+0wf8APeP/AL7FAEtFRfaYP+e8f/fYo+0wf894/wDvsUAS0VF9pg/57x/99ij7TB/z3j/77FAEtFRfaYP+e8f/AH2KPtMH/PeP/vsUAS0VF9pg/wCe8f8A32KPtMH/AD3j/wC+xQBLRUX2mD/nvH/32KPtMH/PeP8A77FAEtFRfaYP+e8f/fYo+0wf894/++xQBLRUX2mD/nvH/wB9ij7TB/z3j/77FAEtQXlpHe25ilyBkFWU4KkdCKd9pg/57x/99ij7TB/z3j/77FAGcdLvDuBurdt3DSNaguR784NacEQggSNcYVQOFAz+Apv2mD/nvH/32KPtMH/PeP8A77FADZrSK4bdJvBxg7JGTI98EZqCW0868tlEGyC1O4Nxg8cAAH+foKs/aYP+e8f/AH2KPtMH/PeP/vsUANezhkmErqxbIbG9tpI6HbnBP4Uw6dbFNuxlGWJ2yMucnJzg8/SpftMH/PeP/vsUfaYP+e8f/fYoAQ2kJljkCFWjXau1ivHpgdR7GkWzgWGKJY8JCwZBuPBFO+0wf894/wDvsUfaYP8AnvH/AN9igBpsrcwSQmP93I5dhuPJJzn86oX9kbgzxxWbb5uDL5uIzx94rnkj/d7DmtH7TB/z3j/77FH2mD/nvH/32KAJEXYiqOijFLUX2mD/AJ7x/wDfYo+0wf8APeP/AL7FAEtFRfaYP+e8f/fYo+0wf894/wDvsUAS0VF9pg/57x/99ij7TB/z3j/77FAEtFRfaYP+e8f/AH2KPtMH/PeP/vsUAS0VF9pg/wCe8f8A32KPtMH/AD3j/wC+xQBLRUX2mD/nvH/32KPtMH/PeP8A77FAEtFRfaYP+e8f/fYo+0wf894/++xQBLRUX2mD/nvH/wB9ij7TB/z3j/77FAEtFRfaYP8AnvH/AN9ij7TB/wA94/8AvsUAS0VF9pg/57x/99ij7TB/z3j/AO+xQBLRUX2mD/nvH/32KPtMH/PeP/vsUAS0VF9pg/57x/8AfYo+0wf894/++xQBLRUX2mD/AJ7x/wDfYo+0wf8APeP/AL7FAEtFRfaYP+e8f/fYo+0wf894/wDvsUAS0VF9pg/57x/99ij7TB/z3j/77FAEtFRfaYP+e8f/AH2KPtMH/PeP/vsUAS0VF9pg/wCe8f8A32KPtMH/AD3j/wC+xQBLRUX2mD/nvH/32KPtMH/PeP8A77FAEtFRfaYP+e8f/fYo+0wf894/++xQBLRUX2mD/nvH/wB9ij7TB/z3j/77FAEtFRfaYP8AnvH/AN9ij7TB/wA94/8AvsUAS0VF9pg/57x/99ij7TB/z3j/AO+xQBLRUX2mD/nvH/32KPtMH/PeP/vsUAS0VF9pg/57x/8AfYo+0wf894/++xQAXH+rH++n/oQopk08ToqpKjEumAGB/iFFAD7b/j0h/wBxf5VLUVt/x6Q/7i/yqWgAooooAKKKKACiiqt/qVppkMUt9L5SSzRwIdpbLuwVRwO5IGelAFqiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKiubmK0t2mnbai9f8KAJaKzf7VmCeadNuRD13cbseu3OavW9xFdW6TQNvjcZBoAkoqGa7igcI5YuRkKiM5x64APFSo6yIrocqwyDQAtFFFABRRRQAUUVElwj3UluA2+NVYntzn/CgCWiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAIrj/Vj/AH0/9CFFFx/qx/vp/wChCigAtv8Aj0h/3F/lUtRW3/HpD/uL/KpaACsrxJFrE2hyp4buI7fUCy+XJKAVAyM9QR0z2rVoqoy5ZJkyjzRaK2mrdppVoupOsl4sCC4dcYaTaNxGAOM57Cq/iGWSHwzqcsLtHIlnKyOhwVIQ4IPY1o1T1e0k1DRL6zhKrJcW8kSFzgAspAz7c1nUu4uxdOyaucpp5NofC93aaveX9xqmEuPMuzLHPH5DMzhCdiYZV5QDrg5zVfSjdReCdK1GTUb6e7vL62WWSW6c5Q3IG0LnAG04OBlh1zXV6PoGn6TGksGn2cN80Kx3FxDCqvKQBnLAAtyO9XVsLNbaO3W1gEETBo4hGNqEHIIHQEHn61o7c913/UzSfLbyOc0Nf7Sur3Vb3ULo3ltfzWy26XbJFCquVSMxA7GLLtbLAsd4II+XGP4W/wCEg1FtJ1uWe3VbpybtjrM0glBVt0QtjGI0ZWHRSCNhBJ+bPbPo+mSaqmpyadaNqEa7Uu2gUyqMEYD4yBgnv3NNh0TSrfVJNSt9Ms4r+UESXSW6rK+euXAyeg71K0/r+t/6uaPW/wDX9WL1FFFAgooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArN1bH2jTzJ/qvtI3emcHb+taVR3FvFdQNDOgdG6g0AceyxIyPNHN9uS63zswY4QHr6eldFogzb3LopEUly7xZGMqccj8c0o0qQLsGo3gj9N4z+eM1fjTy41QEkKAMsck0AVLmGQXRubSVBMsYV45PusuSR7jvzVNr+RQZ034vIVMKE52vnGB/30D+BrUmtbe4INxBFKV6F0DY/OopbZ576F5AghgJZMHJZsY5GOMc+tAFRw9pco08k0sIKRq6SnKNwPmXvnPXk0+7f7RqNlFFcOIm8wP5UmM4A4JHvV5raBpxM0MZlHSQoNw/GhYIVYMsSAqSQQo4J6/nQBlxyyoY4zM5VL4xZZiSV2kgE9+T39qZdTyPcXCR3Eir9qhjyj/dBHIFa7W8LxujwxsjnLKVBDH1PrSLa26LhIIlAIOAgHI6H8KF/X4AZckLiTUEW5uAkEYeIea3ykqT1zk9Oh460luFutTkM8zoWtonKpIUz15yOeM/TmtgxRkuSi5cYfj7w9/WonsrWXHmW0L4AA3Rg8DpQBkxXF1dfZYi25WiZxmYxGTDYByoJPHOPepYkne9tYLm5ZgIXLeVKcNhgBkjGSK1JbeGdAk0Mcir0V1BApVhjQqVjRSq7VIUcD0HtQA+iiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAiuP9WP8AfT/0IUUXH+rH++n/AKEKKAGQTKlvGrLICqAEeU3p9Kf9oT0k/wC/Tf4UUUAH2hPST/v03+FH2hPST/v03+FFFAB9oT0k/wC/Tf4UfaE9JP8Av03+FFFAB9oT0k/79N/hR9oT0k/79N/hRRQAfaE9JP8Av03+FH2hPST/AL9N/hRRQAfaE9JP+/Tf4UfaE9JP+/Tf4UUUAH2hPST/AL9N/hR9oT0k/wC/Tf4UUUAH2hPST/v03+FH2hPST/v03+FFFAB9oT0k/wC/Tf4UfaE9JP8Av03+FFFAB9oT0k/79N/hR9oT0k/79N/hRRQAfaE9JP8Av03+FH2hPST/AL9N/hRRQAfaE9JP+/Tf4UfaE9JP+/Tf4UUUAH2hPST/AL9N/hR9oT0k/wC/Tf4UUUAH2hPST/v03+FH2hPST/v03+FFFAB9oT0k/wC/Tf4UfaE9JP8Av03+FFFAB9oT0k/79N/hR9oT0k/79N/hRRQAfaE9JP8Av03+FH2hPST/AL9N/hRRQAfaE9JP+/Tf4UfaE9JP+/Tf4UUUAH2hPST/AL9N/hR9oT0k/wC/Tf4UUUAH2hPST/v03+FH2hPST/v03+FFFAB9oT0k/wC/Tf4UfaE9JP8Av03+FFFAB9oT0k/79N/hR9oT0k/79N/hRRQAfaE9JP8Av03+FH2hPST/AL9N/hRRQAfaE9JP+/Tf4UfaE9JP+/Tf4UUUAH2hPST/AL9N/hR9oT0k/wC/Tf4UUUAH2hPST/v03+FH2hPST/v03+FFFAB9oT0k/wC/Tf4UfaE9JP8Av03+FFFAB9oT0k/79N/hR9oT0k/79N/hRRQAfaE9JP8Av03+FH2hPST/AL9N/hRRQAfaE9JP+/Tf4UfaE9JP+/Tf4UUUAH2hPST/AL9N/hR9oT0k/wC/Tf4UUUAH2hPST/v03+FH2hPST/v03+FFFAB9oT0k/wC/Tf4UfaE9JP8Av03+FFFAB9oT0k/79N/hR9oT0k/79N/hRRQAfaE9JP8Av03+FH2hPST/AL9N/hRRQAfaE9JP+/Tf4UfaE9JP+/Tf4UUUAH2hPST/AL9N/hR9oT0k/wC/Tf4UUUAH2hPST/v03+FH2hPST/v03+FFFAB9oT0k/wC/Tf4UfaE9JP8Av03+FFFAB9oT0k/79N/hR9oT0k/79N/hRRQAfaE9JP8Av03+FH2hPST/AL9N/hRRQAfaE9JP+/Tf4UfaE9JP+/Tf4UUUAH2hPST/AL9N/hR9oT0k/wC/Tf4UUUAH2hPST/v03+FH2hPST/v03+FFFAB9oT0k/wC/Tf4UfaE9JP8Av03+FFFAB9oT0k/79N/hR9oT0k/79N/hRRQAfaE9JP8Av03+FH2hPST/AL9N/hRRQAfaE9JP+/Tf4UfaE9JP+/Tf4UUUAH2hPST/AL9N/hR9oT0k/wC/Tf4UUUAH2hPST/v03+FH2hPST/v03+FFFAB9oT0k/wC/Tf4UfaE9JP8Av03+FFFAB9oT0k/79N/hR9oT0k/79N/hRRQAfaE9JP8Av03+FH2hPST/AL9N/hRRQAfaE9JP+/Tf4UfaE9JP+/Tf4UUUAMllEiqqrJnep5jYfxD2ooooA//Z)

Drink.type – 음료 종류 Entities

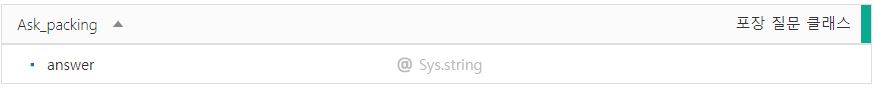
Drink.price – 음료 가격 Entities

**6. Get\_payment\_info**



Order.payment\_type - 결제 수단 Entities

**7. Get\_packaging\_info**



Ask\_packing.answer – 포장 질문 Entities

**Intents**

**1. All tasks**



affirm – 예(YES) 표현 intents

negate – 아니오(NO) 표현 intents

**2. Get\_hamburger\_info**

![텍스트이(가) 표시된 사진

자동 생성된 설명](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDsRXhpZgAATU0AKgAAAAgABAE7AAIAAAATAAAISodpAAQAAAABAAAIXpydAAEAAAAOAAAQ1uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAOq5gO2YhOyImOq5gO2YhOyImAAAAAWQAwACAAAAFAAAEKyQBAACAAAAFAAAEMCSkQACAAAAAzQ0AACSkgACAAAAAzQ0AADqHAAHAAAIDAAACKAAAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAyMDIxOjEwOjE3IDIxOjUzOjE2ADIwMjE6MTA6MTcgMjE6NTM6MTYAAABArgTWGMJArgTWGMIAAP/hCyVodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDIxLTEwLTE3VDIxOjUzOjE2LjQ0MTwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT7quYDtmITsiJjquYDtmITsiJg8L3JkZjpsaT48L3JkZjpTZXE+DQoJCQk8L2RjOmNyZWF0b3I+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwAHBQUGBQQHBgUGCAcHCAoRCwoJCQoVDxAMERgVGhkYFRgXGx4nIRsdJR0XGCIuIiUoKSssKxogLzMvKjInKisq/9sAQwEHCAgKCQoUCwsUKhwYHCoqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioq/8AAEQgA0gOIAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A+hQzsMpE7Keh4GfzNLiX/ng/5r/jVvp0op3AqYl/54P+a/40Yl/54P8Amv8AjVuii4FTEv8Azwf81/xoxL/zwf8ANf8AGrdFFwKmJf8Ang/5r/jRiX/ng/5r/jVuii4FTEv/ADwf81/xoxL/AM8H/Nf8at0UXAqYl/54P+a/40Yl/wCeD/mv+NW6KLgVMS/88H/Nf8aMS/8APB/zX/GrdFFwKmJf+eD/AJr/AI0Yl/54P+a/41boouBUxL/zwf8ANf8AGjEv/PB/zX/GrdFFwKmJf+eD/mv+NGJf+eD/AJr/AI1boouBUxL/AM8H/Nf8aMS/88H/ADX/ABq3RRcCpiX/AJ4P+a/40Yl/54P+a/41boouBUxL/wA8H/Nf8aMS/wDPB/zX/GrdFFwKmJf+eD/mv+NGJf8Ang/5r/jVuii4FTEv/PB/zX/GjEv/ADwf81/xq3RRcCpiX/ng/wCa/wCNGJf+eD/mv+NW6KLgVMS/88H/ADX/ABoxL/zwf81/xq3RRcCpiX/ng/5r/jRiX/ng/wCa/wCNW6KLgVMS/wDPB/zX/GjEv/PB/wA1/wAat0UXAqYl/wCeD/mv+NGJf+eD/mv+NW6KLgVMS/8APB/zX/GjEv8Azwf81/xq3RRcCpiX/ng/5r/jRiX/AJ4P+a/41boouBUxL/zwf81/xoxL/wA8H/Nf8at0UXAqYl/54P8Amv8AjRiX/ng/5r/jVuii4FTEv/PB/wA1/wAaMS/88H/Nf8at0UXAqYl/54P+a/40Yl/54P8Amv8AjVuii4FTEv8Azwf81/xoxL/zwf8ANf8AGrdFFwKmJf8Ang/5r/jRiX/ng/5r/jVuii4FTEv/ADwf81/xoxL/AM8H/Nf8at0UXAqYl/54P+a/40Yl/wCeD/mv+NW6KLgVMS/88H/Nf8aMS/8APB/zX/GrdFFwKmJf+eD/AJr/AI0Yl/54P+a/41boouBUxL/zwf8ANf8AGjEv/PB/zX/GrdFFwKmJf+eD/mv+NGJf+eD/AJr/AI1boouBUxL/AM8H/Nf8aMS/88H/ADX/ABq3RRcCpiX/AJ4P+a/40Yl/54P+a/41boouBUxL/wA8H/Nf8aMS/wDPB/zX/GrdFFwKmJf+eD/mv+NGJf8Ang/5r/jVuii4FTEv/PB/zX/GjEv/ADwf81/xq3RRcCpiX/ng/wCa/wCNGJf+eD/mv+NW6KLgVMS/88H/ADX/ABoxL/zwf81/xq3RRcCpiX/ng/5r/jRiX/ng/wCa/wCNW6KLgVMS/wDPB/zX/GjEv/PB/wA1/wAat0UXAqYl/wCeD/mv+NGJf+eD/mv+NW6KLgVMS/8APB/zX/GjEv8Azwf81/xq3RRcCpiX/ng/5r/jRiX/AJ4P+a/41boouBUxL/zwf81/xoxL/wA8H/Nf8at0UXAqYl/54P8Amv8AjRiX/ng/5r/jVuii4FTEv/PB/wA1/wAaMS/88H/Nf8at0UXAqYl/54P+a/40Yl/54P8Amv8AjVuii4FTEv8Azwf81/xoxL/zwf8ANf8AGrdFFwKmJf8Ang/5r/jRiX/ng/5r/jVuii4FTEv/ADwf81/xoxL/AM8H/Nf8at0UXAqYl/54P+a/40Yl/wCeD/mv+NW6KLgVMS/88H/Nf8aMS/8APB/zX/GrdFFwKmJf+eD/AJr/AI0Yl/54P+a/41boouBUDENtdWQ9g3eipLrrD/v/APspopiJ6CQASeAKKRgGUqehGDUO9tBnO2l74g1yAahpcunWNhISbeO5tnnknTPEhZZECBhyBhsDBPJ2i9qPiPTtIkSLUJJBMY/NdLe3ln8pP7z7FOxcg/M2AcH0Nc5daTdr4XHhm/8ADP8AbMNvEYbO7Bt2iAClY3dZHDK6g87Vb1HXAZdeGri11XzZ9O1PUoZ7OCEtpeqtbeW8alSHXzYwynOQeT97gcU/T+txvc308U2snio6IkFy7G3SZbhLaVo23Z/jCbduB97dgk46ineL9Sm0fwvdX1vOtu8LRkysBhVMihic8dCapx2n/CP6xbXC2hj0uPTEtXlFwuyzERLZdpGDFcHG4ZPHOKh1zVdK8V6Hc6X4e1TTtTvHMb/Z7e8idiiyoWJG7pijpp5/n/kLr935GzYeItM1GW5it55Ee1QSSrcQSQEIc4cb1G5TtPzDI461Avi3Rza31xJPPbpYQ+fcC5s5oXSPn5wjoGZflPIB6VW1vT9WfV573RVVJxpUsEMzFeJi6so5z6Hkgj1rmL3w1rF9FrbWul6lCLzRZbVE1HUlnkknLZAx5jKgI6YIHXgcULW3z/X/AC/EP+B+n+f4HW/8JnohZ1E9y0i4KxLYzmSZTnDRoE3SLwTuQEY5ziqWo+LLe31zQZIb3dpmoWlxKFiiMjTsvllNqgFycM3yqM9cjitJ9PmPjCyv/JHkxafNA0mRkMzxED16Kfbiudg0nWNKutBu4tHa7WxW+WeKKeJXUSyqU27mCkkDpkYGec4BO39dxRbbs/60OotvEOmXUNtJDcHFzObaNWidXEoVmKMpAKEBScMB+opL7xFpWmx3D312IUtpo4ZmZGwjyY2Dp33DnoM84rnm0nVf+Q0dPdrk6ut+dOWWPzBGIPI27iQm/Hzkbsdtx61FdaRrOpi/nm0zyPtOr2FzHC8yMwhjaIuWwSMja2QCenGae7S9P0G/0/z/AOAdDL4q0qAwLK90rzp5oj+wzb40zjfIuzMS5z8zhRwfQ0sninSE0+zvUuJJ4r1d9sLa2kmklXuwRFLbRkZOMDI9RVOcanpfiS+urbS31C3v44tskc0aeQyAjEm9gdnIOVDH73y9M8xpejXFxoPhvUxYX17ENM8iSHTNQa0kjyQ6sP3kYZDjGC2fukA81Or/AK9RnZS+K9GiazX7U0r30RmtkggklaVQVBIVVJ43DI6jkngHGpcO0dtK8ZUMqEqXzjOO+OcVzGmeH3sPEek3FrYyW1lBp90jia58545JZonwzMxZicOSckA5GemdBfFPh7Umax0/XtLuruZWSOCG9jZ3ODwAGzRP4dN9fzdgjvrtoQW/i+wh0+wGp3KyX9xZR3bRWFrNLvVgMuiBS+3PqMgYziqmveKYi+hQ6ZeXiQatJvF3ZWTTt5QjZht/duoJIXIIJA3HjqH+HNFvrDUtPmu7cRrDocFo7b1O2VWyy8H6c9Kj0/QtQt/+EdD22wWN3dyTgOvyK4l2HrzncvT1q3a/zf5v/gGabt8v0RrN4r0dNQNm1zJvWbyDN9ml8gS9Nhm2+WGzxjdnPHXitiuKl03WG8PT+FhpLlJHdF1MzR+QI2ctvK7vM3gHpsxu/ixzXa1PQvqFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAEF1/yx/3/wD2U0UXX/LH/f8A/ZTRTQieiovs6f3pP+/rf40fZ0/vSf8Af1v8aQyWiovs6f3pP+/rf40fZ0/vSf8Af1v8aAJaKi+zp/ek/wC/rf40fZ0/vSf9/W/xoAloqL7On96T/v63+NH2dP70n/f1v8aAJaKi+zp/ek/7+t/jR9nT+9J/39b/ABoAloqL7On96T/v63+NH2dP70n/AH9b/GgCjqfh/T9YkDX63DfLsdIruWJJV/uuqMA468MCOSO5rRiiSGJIoUWONFCoiDAUDoAOwpn2dP70n/f1v8aPs6f3pP8Av63+NAEtFRfZ0/vSf9/W/wAaPs6f3pP+/rf40AS0VF9nT+9J/wB/W/xo+zp/ek/7+t/jQBLRUX2dP70n/f1v8aPs6f3pP+/rf40AS0VF9nT+9J/39b/Gj7On96T/AL+t/jQBLRUX2dP70n/f1v8AGj7On96T/v63+NAEtFRfZ0/vSf8Af1v8aPs6f3pP+/rf40AS0VF9nT+9J/39b/Gj7On96T/v63+NAEtFRfZ0/vSf9/W/xo+zp/ek/wC/rf40AS0VF9nT+9J/39b/ABo+zp/ek/7+t/jQBLRUX2dP70n/AH9b/Gj7On96T/v63+NAEtFRfZ0/vSf9/W/xo+zp/ek/7+t/jQBLRUX2dP70n/f1v8aPs6f3pP8Av63+NAEtFRfZ0/vSf9/W/wAaPs6f3pP+/rf40AS0VF9nT+9J/wB/W/xo+zp/ek/7+t/jQBLRUX2dP70n/f1v8aPs6f3pP+/rf40AS0VF9nT+9J/39b/Gj7On96T/AL+t/jQBLRUX2dP70n/f1v8AGj7On96T/v63+NAEtFRfZ0/vSf8Af1v8aPs6f3pP+/rf40AS0VF9nT+9J/39b/Gj7On96T/v63+NAEtFRfZ0/vSf9/W/xo+zp/ek/wC/rf40AS0VF9nT+9J/39b/ABo+zp/ek/7+t/jQBLRUX2dP70n/AH9b/Gj7On96T/v63+NAEtFRfZ0/vSf9/W/xo+zp/ek/7+t/jQBLRUX2dP70n/f1v8aPs6f3pP8Av63+NAEtFRfZ0/vSf9/W/wAaPs6f3pP+/rf40AS0VF9nT+9J/wB/W/xo+zp/ek/7+t/jQBLRUX2dP70n/f1v8aPs6f3pP+/rf40AS0VF9nT+9J/39b/Gj7On96T/AL+t/jQBLRUX2dP70n/f1v8AGj7On96T/v63+NAEtFRfZ0/vSf8Af1v8aPs6f3pP+/rf40AS0VF9nT+9J/39b/Gj7On96T/v63+NAEtFRfZ0/vSf9/W/xo+zp/ek/wC/rf40AS0VF9nT+9J/39b/ABo+zp/ek/7+t/jQBLRUX2dP70n/AH9b/Gj7On96T/v63+NAEtFRfZ0/vSf9/W/xo+zp/ek/7+t/jQBLRUX2dP70n/f1v8aPs6f3pP8Av63+NAEtFRfZ0/vSf9/W/wAaPs6f3pP+/rf40AS0VF9nT+9J/wB/W/xo+zp/ek/7+t/jQBLRUX2dP70n/f1v8aPs6f3pP+/rf40AS0VF9nT+9J/39b/Gj7On96T/AL+t/jQBLRUX2dP70n/f1v8AGj7On96T/v63+NAEtFRfZ0/vSf8Af1v8aPs6f3pP+/rf40AS0VF9nT+9J/39b/Gj7On96T/v63+NAEtFRfZ0/vSf9/W/xo+zp/ek/wC/rf40AS0VF9nT+9J/39b/ABo+zp/ek/7+t/jQBLRUX2dP70n/AH9b/Gj7On96T/v63+NAEtFRfZ0/vSf9/W/xo+zp/ek/7+t/jQBLRUX2dP70n/f1v8aPs6f3pP8Av63+NAEtFRfZ0/vSf9/W/wAaPs6f3pP+/rf40ANuv+WP+/8A+ymimTxKjRFS5+f+Jyf4T6mimhFqiikZgiFmOAoyTSGLRUX2hPST/v03+FH2hPST/v03+FAEtFRfaE9JP+/Tf4UfaE9JP+/Tf4UAS0VF9oT0k/79N/hR9oT0k/79N/hQBLRUX2hPST/v03+FH2hPST/v03+FAEtFRfaE9JP+/Tf4UfaE9JP+/Tf4UAS0VF9oT0k/79N/hR9oT0k/79N/hQBLRUX2hPST/v03+FH2hPST/v03+FAEtFRfaE9JP+/Tf4UfaE9JP+/Tf4UAS0VF9oT0k/79N/hR9oT0k/79N/hQBLRUX2hPST/v03+FH2hPST/v03+FAEtFRfaE9JP+/Tf4UfaE9JP+/Tf4UAS0VF9oT0k/79N/hR9oT0k/79N/hQBLRUX2hPST/v03+FH2hPST/v03+FAEtFRfaE9JP+/Tf4UfaE9JP+/Tf4UAS0VF9oT0k/79N/hR9oT0k/79N/hQBLRUX2hPST/v03+FH2hPST/v03+FAEtFRfaE9JP+/Tf4UfaE9JP+/Tf4UAS0VF9oT0k/79N/hR9oT0k/79N/hQBLRUX2hPST/v03+FH2hPST/v03+FAEtFRfaE9JP+/Tf4UfaE9JP+/Tf4UAS0VF9oT0k/79N/hR9oT0k/79N/hQBLRUX2hPST/v03+FH2hPST/v03+FAEtFRfaE9JP+/Tf4UfaE9JP+/Tf4UAS0VF9oT0k/79N/hR9oT0k/79N/hQBLRUX2hPST/v03+FH2hPST/v03+FAEtFRfaE9JP+/Tf4UfaE9JP+/Tf4UAS0VF9oT0k/79N/hR9oT0k/79N/hQBLRUX2hPST/v03+FH2hPST/v03+FAEtFRfaE9JP+/Tf4UfaE9JP+/Tf4UAS0VF9oT0k/79N/hR9oT0k/79N/hQBLRUX2hPST/v03+FH2hPST/v03+FAEtFRfaE9JP+/Tf4UfaE9JP+/Tf4UAS0VF9oT0k/79N/hR9oT0k/79N/hQBLRUX2hPST/v03+FH2hPST/v03+FAEtFRfaE9JP+/Tf4UfaE9JP+/Tf4UAS0VF9oT0k/79N/hR9oT0k/79N/hQBLRUX2hPST/v03+FH2hPST/v03+FAEtFRfaE9JP+/Tf4UfaE9JP+/Tf4UAS0VF9oT0k/79N/hR9oT0k/79N/hQBLRUX2hPST/v03+FH2hPST/v03+FAEtFRfaE9JP+/Tf4UfaE9JP+/Tf4UAS0VF9oT0k/79N/hR9oT0k/79N/hQBLRUX2hPST/v03+FH2hPST/v03+FAEtFRfaE9JP+/Tf4UfaE9JP+/Tf4UAS0VF9oT0k/79N/hR9oT0k/79N/hQBLRUX2hPST/v03+FH2hPST/v03+FAEtFRfaE9JP+/Tf4UfaE9JP+/Tf4UAS0VF9oT0k/79N/hR9oT0k/79N/hQBLRUX2hPST/v03+FH2hPST/v03+FAEtFRfaE9JP+/Tf4UfaE9JP+/Tf4UAS0VF9oT0k/79N/hR9oT0k/79N/hQBLRUX2hPST/v03+FH2hPST/v03+FAEtFRfaE9JP+/Tf4UfaE9JP+/Tf4UAS0VF9oT0k/79N/hR9oT0k/79N/hQBLRUazozBfnBbgbkIz+YqSgCC6/wCWP+//AOymii6/5Y/7/wD7KaKaET1Fc/8AHpN/uN/Kpaiuf+PSb/cb+VIZLRRVb+0bX+1v7N83/S/I+0eXtP8Aq923OcY69s5oAs0UVQ0nVV1i1e5htp4oN5WKSXZidR/GoViQp/2gD7UAX6KKKACiiqeq6nDo+myXtysjRxsqkRgFvmYKOpHcigC5RRRQAUUVSn1SC31mz0x1kM15FLLGwA2gR7c55zn5xjj1oAu0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBFL/rIP98/+gtUtRS/6yD/AHz/AOgtUtAEF1/yx/3/AP2U0UXX/LH/AH//AGU0U0InqK5/49Jv9xv5VLUVz/x6Tf7jfypDJa5DxXe3VtJrf2e5mi8rw/NNHskK7HBbDjHRvfrXX1BNZWtz5n2i2hl82Iwyb4w29D1Q56r7dKmSb/H8miouz+780zlLewktNT0iNtS1GddTspUvBLeSHewRWDrz+6br/q9vX2FY3hW0T/hH/CmlteX1vZX9nJPKUvpVaWVQm2JX3bkG0u+1CudnpuB9HNtAXicwx7oQRE2wZQEYIHpxVabRtMudMXTrjTrSWxUALayQK0Qx0whGOPpV395v+upMdFZnF3E13vGlWuq3htIdfitUuBOxkMZi3PCZCctgkjJJI9crVm6017nWtdtBqeqQw2Gn27Wqx38o8t9svzk7sueBkMSDjkGuvj02xhtre3hsreOC2IaCJYlCxEdCoxhep6etSfZbfzZZfIi8yZQkr7BmRRnAY9wMnr6mpafK11/4CX/BGrXT/re5yejfaYNR8P3b393O+rWbveJNOzxs+xHDIhO2PBJGFAGDzmr3j5WfwTepHIYnZ4QrgAlT5qc4PH51sz6dDJbLFb4tHijKQTQxputwRj5NykDgdMY9qqWuiSx+Yup6veavC4A8i+ht9gIIIbCRKcgjuTVS1btsTG6SvuYdzOvhTWL9mvdQlsTpb3cqS3DTujo4G5DISFyH6cLwOBzXPane6ppEHiWzE0tm39hPeRIusTXkkLBiA+6QAxkg9FJX5eK9NktbeaQySwRO7RmIsyAkoeq59D6VSt/DmiWts9va6Np8MMiNG8Udqiqyt1UgDBBxyKS0tfz/AF/LT7h/8D9P+D95z7aMw8VW+nHVdVNnd2MlzcRm/lDPKjoAwcNujH7w5VCqnA4xxWTAW1PVfCEOp6lOjtb6hA0qTeVJc7HRQN4wwYhdxKkHg89a9E8iE3CzmJPOVCiybRuCkgkA+hIHHsKqXOhaTeW4gu9Lsp4VDARy26MoDMGYYIxyQCfUgGjt/Xf/ADFFWf8AXY5S2vbm31C3tYr64lsLbxB9ljmknLlkNsxMbuTlwJTt+Yk5AHUVHrGo3F1e6nBZanPEI9bsLYtBKf3YYR70HpnJyPU12T6PpsmlDTH060bTwoUWhgUxYByBsxjGeelEOj6ZbwrDb6daRRIyMqJAqqpTGwgAdRgY9MUdVfpb9P8AL8RvbTs/1/z/AAOd+ywT6/e2V3qd/a2+k20TwKNQlQgNuLTOxbMnK4+cso2njk1hWd5q+saf4aso7j7YlxpjXLNLqs1i904ZRu8yJGdsA525A+bJzgY6zxDpV1f3dvLa6Pol9JCMw3Oo532j5+8gEbbugOAyfd69xPbeF9MHhyx0fU7S31OCzjVR9rhWQMwGN+GzgnJ/Okl1f9b/ANf1o/L+v6/r15u0t9UufEWh6brOpzELp92862N9JtlKTxCPdIAjMwBwTgEncDwSD3lQR2NpC8Lw2sMbwRGGJljAMcfHyL6L8q8DjgelT1TelvX8ybahRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBFL/rIP8AfP8A6C1S1FL/AKyD/fP/AKC1S0AQXX/LH/f/APZTRRdf8sf9/wD9lNFNCJ6iuf8Aj0m/3G/lUtRXP/HpN/uN/KkMPtMH/PeP/vsUfaYP+e8f/fYqWigCL7TB/wA94/8AvsUfaYP+e8f/AH2KlooAi+0wf894/wDvsUfaYP8AnvH/AN9ipaKAIvtMH/PeP/vsUfaYP+e8f/fYqWigCL7TB/z3j/77FH2mD/nvH/32KlooAi+0wf8APeP/AL7FH2mD/nvH/wB9ipaKAIvtMH/PeP8A77FH2mD/AJ7x/wDfYqWigCL7TB/z3j/77FH2mD/nvH/32KlooAi+0wf894/++xR9pg/57x/99ipaKAIvtMH/AD3j/wC+xR9pg/57x/8AfYqWigCL7TB/z3j/AO+xR9pg/wCe8f8A32KlooAi+0wf894/++xR9pg/57x/99ipaKAIvtMH/PeP/vsUfaYP+e8f/fYqWigCL7TB/wA94/8AvsUfaYP+e8f/AH2KlooAi+0wf894/wDvsUfaYP8AnvH/AN9ipaKAIvtMH/PeP/vsUfaYP+e8f/fYqWigCL7TB/z3j/77FH2mD/nvH/32KlooAi+0wf8APeP/AL7FH2mD/nvH/wB9ipaKAIvtMH/PeP8A77FH2mD/AJ7x/wDfYqWigCL7TB/z3j/77FH2mD/nvH/32KlooAi+0wf894/++xR9pg/57x/99ipaKAIvtMH/AD3j/wC+xR9pg/57x/8AfYqWigCL7TB/z3j/AO+xR9pg/wCe8f8A32KlooAi+0wf894/++xR9pg/57x/99ipaKAIvtMH/PeP/vsUfaYP+e8f/fYqWigCL7TB/wA94/8AvsUfaYP+e8f/AH2KlooAi+0wf894/wDvsUfaYP8AnvH/AN9ipaKAIvtMH/PeP/vsUfaYP+e8f/fYqWigCL7TB/z3j/77FH2mD/nvH/32KlooAi+0wf8APeP/AL7FH2mD/nvH/wB9ipaKAIvtMH/PeP8A77FH2mD/AJ7x/wDfYqWigCL7TB/z3j/77FH2mD/nvH/32KlooAi+0wf894/++xR9pg/57x/99ipaKAIvtMH/AD3j/wC+xR9pg/57x/8AfYqWigCL7TB/z3j/AO+xR9pg/wCe8f8A32KlooAi+0wf894/++xR9pg/57x/99ipaKAIvtMH/PeP/vsUfaYP+e8f/fYqWigCL7TB/wA94/8AvsUfaYP+e8f/AH2KlooAi+0wf894/wDvsUfaYP8AnvH/AN9ipaKAIvtMH/PeP/vsUfaYP+e8f/fYqWigCL7TB/z3j/77FH2mD/nvH/32KlooAi+0wf8APeP/AL7FH2mD/nvH/wB9ipaKAIvtMH/PeP8A77FH2mD/AJ7x/wDfYqWigCL7TB/z3j/77FH2mD/nvH/32KlooAi+0wf894/++xR9pg/57x/99ipaKAIvtMH/AD3j/wC+xR9pg/57x/8AfYqWigCL7TB/z3j/AO+xR9pg/wCe8f8A32KlooAi+0wf894/++xR9pg/57x/99ipaKAIvtMH/PeP/vsUfaYP+e8f/fYqWigCL7TB/wA94/8AvsUfaYP+e8f/AH2KlooAi+0wf894/wDvsUfaYP8AnvH/AN9ipaKAIvtMH/PeP/vsUfaYP+e8f/fYqWigCL7TB/z3j/77FH2mD/nvH/32KlooAi+0wf8APeP/AL7FH2mD/nvH/wB9ipaKAK7TRSTQiORGO8nCsD/CasVFL/rIP98/+gtUtAEF1/yx/wB//wBlNFF1/wAsf9//ANlNFNCJ6iuf+PSb/cb+VS1Fc/8AHpN/uN/KkMloorlfFep3iSSW2i3Gpfa7a38+SLT4LchQd21pGn+XblT8qkP1PTom7ajSudVVe1v7a9kuUtpN7WsxhmG0ja4AOOevDDp61ykmvX7tpWp31xd6fpVxaQSiW1gSWIyvyyT5VnRfu4ZdoGWy3Sqek6jdTeNNX0S0nNgH1F7mS5KAtMqxxAxRbgVJ5BYkcKRjk5Wre9yvz/Bom/u3Xl+KZ3ssiQwvLIdqIpZjjoBUdpdQ31lDd2r+ZBPGskb4I3KwyDg8jg1Hqf8AyCbv/rg//oJrjfDkuqaVp3hGS41Rri11C3WCW1aKNY4cWxkVkIXfkeXg7mIO4njgBLW/lb9f8hvpbz/Cx3lFcTp/iC/k8UacUl1K40vVRL5Ul1BBHCcIXUxBcTAfKR+8ByDn0zT0y/8AEdzonhu+k193l1pxBOptYQkIMbvvjAXO/EePmLLkk7cfLQPe53V3f21i1uLqTYbiYQxfKTucgkDjp0PJqxXn2oT6nOLfT5L7zrmw8RxW8d5PEu50MPmZZUCruAkI4AHAJHWr17qeq6NNqGnnU5b5oUtJ47meGMSIJZzGyNsVUIwpI+UHk+xoW1/62T/UT0f9d2js6K5bxLrN7YS6utnceX9m0OW7iGxTtlBbDcj26HioopNXmutN0qTXZo57y1e+nuo4Yd67fLXy4lKFQu585YO2OM85BH3lp/W/+TG9N/62/wA0ddRXBy69rsFq9iks19dS6zJYpPaRwrKkSxeZ8okIj34Xktxkk44C0Sah4oittOtLiS6sHudYW2S5u47Z55Lcwu5JERaMMGBAIA+6pIPIItbedvxt/mL/AIP4X/yO8oqOCNobeOOSZ53RQrSyBQzkDqdoAyfYAe1cLb6nrx8M3niGbWXc2l5cpHZLbR+XNGlwyBGO3eXIGAVZR93IPJZh0ud3NNFbQST3EiRRRqXeR2CqigZJJPQD1pyOskavGwdGAKspyCPUGuKmu9SvY/GEtzflrTTmlhgszbxMjA2qOd+5SWALEgZHUg5GALtrJqWrakbS11JtMtrC1gbbbwxlpndSfm3qQIwBjCgHOeRgUv8AgfjcH/n+FjqaK4S91jxPd6rqL6PZ6lItjc+RBDALMW820KW80yuJQTk8rtAG3rznux054oWqTDrYKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigCKX/WQf75/9Bapail/1kH++f8A0FqloAguv+WP+/8A+ymii6/5Y/7/AP7KaKaET1Fc/wDHpN/uN/Kpaiuf+PSb/cb+VIZLWXqXhvS9WuvtF9BI0hj8qTy7iSNZU5+SRVYB15PDAjk+prUooAyW8MaU4tVMMwitI0jjhW6lERVPuh0DbXxgfeBp0/hzS7mOZJbY/vrkXbOkro4mAA3qwIKnAA+UjjI7mtSijrcDGhstfebZqWp6XPZsCssUOmyRuykYwHM7Y+uDVtdGsEh0+FYP3enY+yrvY+XhDH68/KxHOevrV6igDFs/COi2F5b3VtbSebalvs/mXMsiwBgVKorMQi4P3QAOBxwKtQaFp1tZ6faw2+2HTWD2q72PlkKy9c5PDMOc9a0KKAMq88M6RqCyreWYkE1yt2/7xhmVUCK4weCAoxjuM9eaIPDWlW9hd2Yt3livRi4a4nkmklGMANI7FjgdOeO2K1aKA8zGi8JaNFHdL9nllN3bG1nknupZZJIjn5S7MWxycc8Z4xUXiHTYZbWzA0e9v/sxIiOn3n2eeH5ccOZIztIyCN3pweo3qKAOX0Xwpb/8I/Na6tZJCbq8a9EEMpDWzEjbtkXBDgAEsDncW5PU60Xh/ToorZPKlk+yz/aYnmuJJX8zaV3F2Ys3ysR8xPGPQVpUUf19wf195kvbeIjfF49V0tbTzMiJtMkMgTPTf5+M477fw7Vj+HPBlrBambVrSRbr7fcXPlfanMTkzu8cjRK3ls20qQSCRhehUY66ihaA9SiNGsBHqEYg+XUmL3Q3t+8JQIe/HyqBxjpUF34b0u9uIZ5YZUlhjEQeC5khLoOiOUYb19myOT6mtWigDKn8NaXPqbX7QzJO+0yiG5ljjm28DzI1YI/HHzA8YHStWiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAIpf8AWQf75/8AQWqWopf9ZB/vn/0FqloAguv+WP8Av/8Aspoouv8Alj/v/wDspopoRPUVz/x6Tf7jfyqWorn/AI9Jv9xv5Uhh9mg/54R/98Cj7NB/zwj/AO+BUtFAEX2aD/nhH/3wKPs0H/PCP/vgVLUcVxDO0iwTRyGJ9kgRgdjYB2nHQ4I496AE+zQf88I/++BR9mg/54R/98CpGZUQs7BVUZJJwAKbDNHcQpNBIssUihkdGBVgeQQR1FADfs0H/PCP/vgUfZoP+eEf/fAqWigCL7NB/wA8I/8AvgUfZoP+eEf/AHwKWW4hgMYnljjMrhE3sBvY9FGep4PFSUARfZoP+eEf/fAo+zQf88I/++BUtFAEX2aD/nhH/wB8Cj7NB/zwj/74FS0UARfZoP8AnhH/AN8Cj7NB/wA8I/8AvgVLRQBF9mg/54R/98Cj7NB/zwj/AO+BUtFAEX2aD/nhH/3wKPs0H/PCP/vgVLRQBF9mg/54R/8AfAo+zQf88I/++BUtFAEX2aD/AJ4R/wDfAo+zQf8APCP/AL4FS0UARfZoP+eEf/fAo+zQf88I/wDvgVLRQBF9mg/54R/98Cj7NB/zwj/74FS0UARfZoP+eEf/AHwKPs0H/PCP/vgVLRQBF9mg/wCeEf8A3wKPs0H/ADwj/wC+BUtFAEX2aD/nhH/3wKPs0H/PCP8A74FS0UARfZoP+eEf/fAo+zQf88I/++BUtFAEX2aD/nhH/wB8Cj7NB/zwj/74FS0UARfZoP8AnhH/AN8Cj7NB/wA8I/8AvgVLRQBF9mg/54R/98Cj7NB/zwj/AO+BUtFAEX2aD/nhH/3wKPs0H/PCP/vgVLRQBF9mg/54R/8AfAo+zQf88I/++BUtFAEX2aD/AJ4R/wDfAo+zQf8APCP/AL4FS0UARfZoP+eEf/fAo+zQf88I/wDvgVLRQBF9mg/54R/98Cj7NB/zwj/74FS0UARfZoP+eEf/AHwKPs0H/PCP/vgVLRQBF9mg/wCeEf8A3wKPs0H/ADwj/wC+BUtFAEX2aD/nhH/3wKPs0H/PCP8A74FS0UARfZoP+eEf/fAo+zQf88I/++BUtFAEX2aD/nhH/wB8Cj7NB/zwj/74FS0UARfZoP8AnhH/AN8Cj7NB/wA8I/8AvgVLRQBF9mg/54R/98Cj7NB/zwj/AO+BUtFAEX2aD/nhH/3wKPs0H/PCP/vgVLRQBF9mg/54R/8AfAo+zQf88I/++BUtFAEX2aD/AJ4R/wDfAo+zQf8APCP/AL4FS0UARfZoP+eEf/fAo+zQf88I/wDvgVLRQBF9mg/54R/98Cj7NB/zwj/74FS0UARfZoP+eEf/AHwKPs0H/PCP/vgVLRQBF9mg/wCeEf8A3wKPs0H/ADwj/wC+BUtFAEX2aD/nhH/3wKPs0H/PCP8A74FS0UARfZoP+eEf/fAo+zQf88I/++BUtFAEX2aD/nhH/wB8Cj7NB/zwj/74FS0UARfZoP8AnhH/AN8Cj7NB/wA8I/8AvgVLRQBF9mg/54R/98Cj7NB/zwj/AO+BUtFAEX2aD/nhH/3wKPs0H/PCP/vgVLRQBF9mg/54R/8AfAo+zQf88I/++BUtFAEX2aD/AJ4R/wDfAo+zQf8APCP/AL4FS0UARfZoP+eEf/fAo+zQf88I/wDvgVLRQBF9mg/54R/98Cj7NB/zwj/74FS0UARfZoP+eEf/AHwKPs0H/PCP/vgVLRQBF9mg/wCeEf8A3wKPs0H/ADwj/wC+BUtFAEX2aD/nhH/3wKPs0H/PCP8A74FS0UARfZoP+eEf/fAo+zQf88I/++BUtFAFdoYo5oTHGineRlVA/hNWKil/1kH++f8A0FqloAguv+WP+/8A+ymii6/5Y/7/AP7KaKaET1Fc/wDHpN/uN/Kpaiuf+PSb/cb+VIZLXNeK9fuNJATT7u2W4SIzNbtYT3kjrzglYSDGuRjecjPbjnpaxtS8Nx6jfS3SahfWRuIBb3KWroBOg3YBLKSpG5uUKnnrwMJ3toNW6mY3iq4mv9LKzWmm2V7bQzRvewuwunkyfJSUMqo4AGAQxbdwvBzQ0bV7hvFeuaLpHk/azqTXFzLOCVhh8uIcKCCzMeAAcL1PYNvSeFIZLC0086jfDT7eGOF7TMZSdUxjeShYdBnaVpZfCdm80tzDcXNvdvdm7S6iZRJExVVZVypBRggyrAg9eoGK0UrrbX80Rq4pPfT8maWp/wDIJu/+uD/+gmuS8L6lrNjpnhWK/Fk1jqNqkCRRRsJYGEG9SzlsOCEbICrgkcnGTuo/iC7c2+o6XpsNpKrJJLBqckkiggjIUwKCfxFSp4etFtNIt98zR6TjycsPnxE0Xzcc/Kx6Y5/KktL/AC/X/Mp62+f6W/IxbHxbNP4ptrL7Tb3lle+aIZLexnREKruGLhiY5hgMDtxg/jVTT/Evie60rQ7910ojWmEKRLDIPs7FGcSFi/zjCMdgCnJA3/xVs2Pg+3srrT5jqeo3KabuFnBM6bIVKFNvyoCwAPBYluOvJzZtfDNnZ6do9lFJOY9IcPAWYZYhGT5uOeHPTHOKeg11Oa1TU9Uu47O3njtZdR0/xDFbF0DRRS5i3h9pLFcLIMjJ5U881o3PiHVtKa9s9QaxubuBbaaOaCFo0eOWbyyDGXYgjB53EHI44NX73wnZ3zTM1zeQvLfJf74ZArJKsYjGDjphQcHOT144pU8K2zWd9FfXl5fT3yqkt3MyLKAmSgXYqqu0kkYXqcnNJbf12X6oHa+n9av9CLX9futKfUxbxwt9k0iS+j3qTl1zgHBHy8fX3qCPVPEE7WFismmxX17C120ht3eO2iUINm3zAZG3PjdlBjJx2M58IQTLfG/1LUL2a+smsZppnjB8s5+6qoFBG48hfrmmeIbK1tl0+5M2rWk9qrQxXmmWv2iQKQMoyCOTKnaDkpgFRyDjKWi1/rV/8AHrt/Wi/wCCZ8/jDUrSxkiu4IRfNqj2Eb21rNcIqrHv8wxJl24B+UYxkAnALUweK9ce0s4orWIXU+qixFxdWE9rHJG0TP5qxSEONpGCMkEqeRkET6H4Z+1aHK1019YzzajJf2srOPtMBPyhju3DLLnKkEAPtKjGBs/8I+kqWP23ULy8msrr7Uk0xQM7bGQAhVChcMeFA6Z65y10v5fpf9f62S6/P9bfoacKzLbRrcSRyThAHeNCqs2OSFJJAz2yfrXGaZqWv6fpl7e395aX0EWrNFKBbSI0cXnbXYEytwoIIGOAp610L3PiIXxSPStLa08zAlbU5BIUz12eRjOO278e9VNQ0+30qw1Rj9uvoNSLD+zo4RIvmOCG27U3KGPUu20Z/hFK7T5v63Q7XXL/AF1K2reI9Ugv/L0qG0mhbUIbBTMWGWKs0jZB6L8oHHUMPTEV94p1DQE1C31dbe+u4IoJbd7OCRBJ50hiVTHl2BDDPBJIPAyMVDeeHLmDwz4d00vcSXEd/FLd3NuTvEhV2eXIH985545weOK2B4TtJLO9i1C7vL+a+CCW7mdUlAQ5j2+Wqqu1iWGAOTk5p7X9fv0Wwr3a9P1f6EHhnXNQ1G+urXUI3kSONJI7saVcWKsSSCmybJJGAchjkN0GOekqjpmnTWCv9p1S81J3xh7ryxtA7ARoi/jjPvwKvUxBRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAEUv+sg/wB8/wDoLVLUUv8ArIP98/8AoLVLQBBdf8sf9/8A9lNFF1/yx/3/AP2U0U0InqK5/wCPSb/cb+VS0jKHQqwyGGCKQxaKi+zp/ek/7+t/jR9nT+9J/wB/W/xoAloqL7On96T/AL+t/jR9nT+9J/39b/GgCWiovs6f3pP+/rf40fZ0/vSf9/W/xoAloqL7On96T/v63+NH2dP70n/f1v8AGgCWiovs6f3pP+/rf40fZ0/vSf8Af1v8aAJaKi+zp/ek/wC/rf40fZ0/vSf9/W/xoAloqL7On96T/v63+NH2dP70n/f1v8aAJaKi+zp/ek/7+t/jR9nT+9J/39b/ABoAloqL7On96T/v63+NH2dP70n/AH9b/GgCWiovs6f3pP8Av63+NH2dP70n/f1v8aAJaKi+zp/ek/7+t/jR9nT+9J/39b/GgCWiovs6f3pP+/rf40fZ0/vSf9/W/wAaAJaKi+zp/ek/7+t/jR9nT+9J/wB/W/xoAloqL7On96T/AL+t/jR9nT+9J/39b/GgCWiovs6f3pP+/rf40fZ0/vSf9/W/xoAloqL7On96T/v63+NH2dP70n/f1v8AGgCWiovs6f3pP+/rf40fZ0/vSf8Af1v8aAJaKi+zp/ek/wC/rf40fZ0/vSf9/W/xoAloqL7On96T/v63+NH2dP70n/f1v8aAJaKi+zp/ek/7+t/jR9nT+9J/39b/ABoAloqL7On96T/v63+NH2dP70n/AH9b/GgCWiovs6f3pP8Av63+NH2dP70n/f1v8aAJaKi+zp/ek/7+t/jR9nT+9J/39b/GgCWiovs6f3pP+/rf40fZ0/vSf9/W/wAaAJaKi+zp/ek/7+t/jR9nT+9J/wB/W/xoAloqL7On96T/AL+t/jR9nT+9J/39b/GgCWiovs6f3pP+/rf40fZ0/vSf9/W/xoAloqL7On96T/v63+NH2dP70n/f1v8AGgCWiovs6f3pP+/rf40fZ0/vSf8Af1v8aAJaKi+zp/ek/wC/rf40fZ0/vSf9/W/xoAloqL7On96T/v63+NH2dP70n/f1v8aAJaKi+zp/ek/7+t/jR9nT+9J/39b/ABoAloqL7On96T/v63+NH2dP70n/AH9b/GgCWiovs6f3pP8Av63+NH2dP70n/f1v8aAJaKi+zp/ek/7+t/jR9nT+9J/39b/GgCWiovs6f3pP+/rf40fZ0/vSf9/W/wAaAJaKi+zp/ek/7+t/jR9nT+9J/wB/W/xoAloqL7On96T/AL+t/jR9nT+9J/39b/GgCWiovs6f3pP+/rf40fZ0/vSf9/W/xoAloqL7On96T/v63+NH2dP70n/f1v8AGgCWiovs6f3pP+/rf40fZ0/vSf8Af1v8aAJaKi+zp/ek/wC/rf40fZ0/vSf9/W/xoAloqL7On96T/v63+NH2dP70n/f1v8aAJaKi+zp/ek/7+t/jR9nT+9J/39b/ABoAloqL7On96T/v63+NH2dP70n/AH9b/GgCWiovs6f3pP8Av63+NH2dP70n/f1v8aAJaKi+zp/ek/7+t/jR9nT+9J/39b/GgCWiovs6f3pP+/rf40fZ0/vSf9/W/wAaAJaKi+zp/ek/7+t/jR9nT+9J/wB/W/xoAloqL7On96T/AL+t/jR9nT+9J/39b/GgCWiovs6f3pP+/rf40fZ0/vSf9/W/xoAloqL7On96T/v63+NH2dP70n/f1v8AGgCWiovs6f3pP+/rf40fZ0/vSf8Af1v8aAJaKi+zp/ek/wC/rf40fZ0/vSf9/W/xoAJf9ZB/vn/0FqlqNYEVg3zkryNzk4/M1JQBBdf8sf8Af/8AZTRRdf8ALH/f/wDZTRTQieioFuk2jzA6t3AQn+VL9ri/2/8Av23+FIZNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQBNRUP2uL/b/wC/bf4Ufa4v9v8A79t/hQAl1/yx/wB//wBlNFMkkEzpsDbVOSSMZ4x/WiqQgooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAAUUUUAf/Z)

inform\_hamburger – 햄버거 주문 처리 intents

ask\_hamburger\_price – 햄버거 가격 질문 intents

ask\_hamburger\_type – 햄버거 종류 질문 intents

**3. Get\_payment\_info**



Inform\_payment\_type – 결제 수단 처리 intents

**4. Get\_Menu\_info**



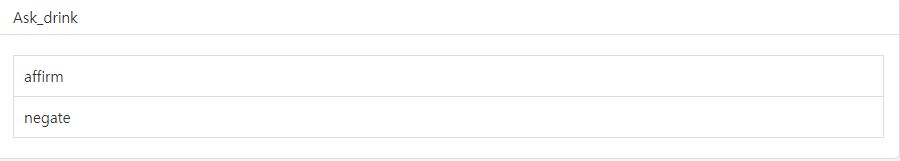
inform\_ side – 사이드 주문 처리 intents

ask\_ side \_price – 사이드가격 질문 intents

ask\_ side \_type – 사이드 종류 질문 intents

inform\_no\_side – 사이드 주문 취소 intents

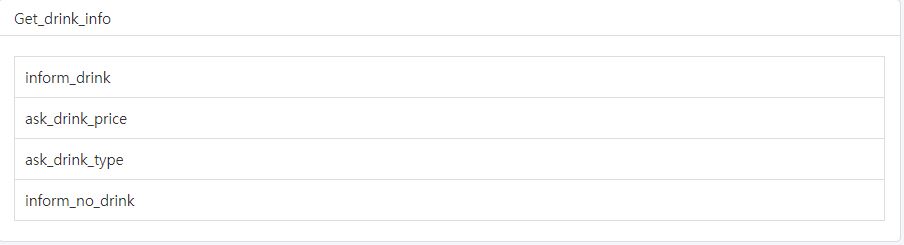
**5. Ask\_drink**



affirm – 예(YES) 표현 intents

negate – 아니오(NO) 표현 intents

**6. Get\_drink\_info**



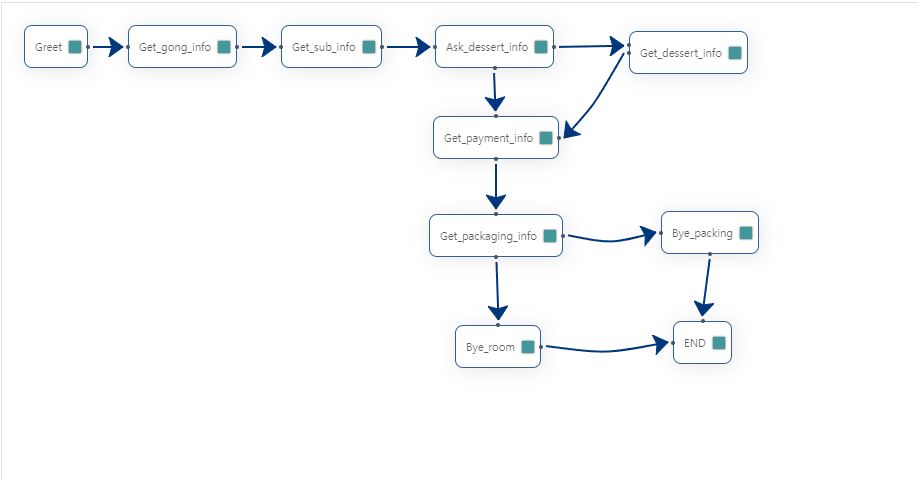
inform\_ drink– 음료 주문 처리 intents

ask\_ drink \_price – 음료 질문 intents

ask\_ drink \_type – 음료 종류 질문 intents

inform\_no\_ drink – 음료 주문 취소 intents

**Task Graph**

****

**<그림 5> Gong 도메인(공차)**

* **Task 설명**

Greet - 인사 태스크

Get\_gong\_info - 음료 정보 묻는 태스크

Get\_sub\_info – 당도 및 얼음 선택 태스크

Ask\_dessert\_info - 디저트 메뉴 질문 태스크

Get\_dessert\_info - 디저트 메뉴 정보 묻는 태스크

Get\_payment\_info - 결재 수단 묻는 태스크

Get\_packaging\_info - 포장 질문 태스크

Bye\_packing - 포장 태스크

Bye\_room - 매장 태스크

END – 끝

* **Task 이동 설명**
* Greet
  + To => Get\_gong\_info
    - true
* Get\_gong\_info
  + To => Get\_sub\_info
    - ( Entity("Gong.type", "user\_history", "true") and Instance("Gong.type", "true")) and ( Entity("Gong.size", "user\_history", "true") and Instance("Gong.size", "true")) and ( Entity("Gong.toppings", "user\_history", "true") and Instance("Gong.toppings", "true"))
* Get\_sub\_info
  + To => Ask\_dessert\_info
    - ( Entity("Sub.sweet", "user\_history", "true") and Instance("Sub.sweet", "true")) and ( Entity("Sub.ice", "user\_history", "true") and Instance("Sub.ice", "true"))
* Ask\_dessert
  + To => Get\_dessert\_info
    - Intent("user", "affirm", "0", "true")
  + To => Get\_payment\_info
    - Intent("user", "negate", "0", "true")
* Get\_dessert\_info
  + To => Get\_payment\_info
    - ( Entity("Dessert.type", "user\_history", "true") and Instance("Dessert.type", "true") and Intent("user", "inform\_dessert", "0", "true")) or Intent("user", "inform\_no\_dessert", "0", "true")
* Get\_payment\_info
  + To => Get\_packaging\_info
    - Entity("Order.payment\_type", "user\_history", "true") and Intent("user", "inform\_payment\_type", "0", "true")
* Get\_packaging\_info
  + To => Bye room
    - Intent("user", "affirm", "0", "true")
  + To => Bye\_packing
    - Intent("user", "negate", "0", "true")"
* Bye\_packing
  + To => End
    - Intent("system", "bye", "0", "true") Get\_payment\_info
* Bye\_room
  + To => End
    - Intent("system", "bye", "0", "true") Get\_payment\_info

**Entities**

**1. Get\_gong\_info**

![테이블이(가) 표시된 사진

자동 생성된 설명](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDsRXhpZgAATU0AKgAAAAgABAE7AAIAAAATAAAISodpAAQAAAABAAAIXpydAAEAAAAOAAAQ1uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAOq5gO2YhOyImOq5gO2YhOyImAAAAAWQAwACAAAAFAAAEKyQBAACAAAAFAAAEMCSkQACAAAAAzExAACSkgACAAAAAzExAADqHAAHAAAIDAAACKAAAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAyMDIxOjEwOjE3IDIxOjQ3OjMwADIwMjE6MTA6MTcgMjE6NDc6MzAAAABArgTWGMJArgTWGMIAAP/hCyVodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDIxLTEwLTE3VDIxOjQ3OjMwLjEwNjwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT7quYDtmITsiJjquYDtmITsiJg8L3JkZjpsaT48L3JkZjpTZXE+DQoJCQk8L2RjOmNyZWF0b3I+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwAHBQUGBQQHBgUGCAcHCAoRCwoJCQoVDxAMERgVGhkYFRgXGx4nIRsdJR0XGCIuIiUoKSssKxogLzMvKjInKisq/9sAQwEHCAgKCQoUCwsUKhwYHCoqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioq/8AAEQgAzQNxAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A+j5X8uF3xnapOPWo/Nm/55R/9/D/AIUtz/x6Tf7jfypaAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooAb5s3/PKP8A7+H/AAo82b/nlH/38P8AhTqKAG+bN/zyj/7+H/CjzZv+eUf/AH8P+FOooA5nxD48tPDWoJZ31pPJI8QlBhIIwSR3xz8po8O+PbHxJqn2G0tbiJxGZC0u3GBj0J9a4b4sf8jXbf8AXkn/AKG9M+FP/I4v/wBer/zWt+Rclz5n+0sR/aP1fTlvbY9mooorA+mIrn/j0m/3G/lS0lz/AMek3+438qWgBCQASeAKwYbjXtXiS90y50+ys5OYUuLR55JU7OSJEC7hztw2OOecDeYBlKnoRg1x99pk8nh5PDl94bbVooovKt7s/Z3iXClUkZZHVlYDk7VPfGelJu2o1qb+oa/Y6XMIbk3Eku3c0draS3DIvYsI1YqDg4JxnBx0NMuvEulWnkBrlpmuIvPhS1gkuGljyBuVY1YkcjkeoqjEmoaFeTGLSp9TjuliO61liUxMiBCGEjp8vAIIyeWyBgZfo2j3NhqFtJOinbZyK7o+4LI8u8oucEqM4BwOAKrrb+tmT0v/AF0Llx4i022tbacyzTLdLvhS2tpZ5GXjLbEUsAMgEkcEgHk1bsNQtdTtBdWMolhLMgYAjlWKsMHnggj8K5+2ttS0S4F3Hpc9+kgljaC2kiDx5nd1b53VcENzzkELx1xoeFnmk0aR7lEjka8uiVRtwX9+/Ge9JbD6f12NmqGr6xaaJYG6vnITIVVXlmPoBV+sHXPCVnr90s99d3g2LtSON1Cr64BU9aANm3uIrq3jnt3EkUihkdehFS1l6HocOg2rW1rcXEsLNuCzsp2HvjAHWtSgAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArlvFOs+GI1li1bXYre7s0Zxaxay1nIx25CkJIpOeMZB68da6msDxJa6hPNbNBFeXVgquLi10+7FtO7krsYPuT5RhsjevUfe6VLu9hrcxNE1bw7H4lsjpfiOOZLm0dHgm19rrMzNHsUJJKx3Y38gfzp3iS2lTxloaN4l1GBrieUpHHFbEW4MZUYJhPBYhfmJyWwOa0/DlpqEGpTSfZtSsdOMQH2bVL4XUrS5++reZJtXbxjfyf4RjLaH/COWEg1D7WJLt9QP755nywUfdRSMbFX+HGCD82dxJq30/rr/AF8ibdDL0+5Sy8e31jPJd3M0ljagTm2ZgxBmyXdECIT77QewrY127FppMxJnVpVMaPBaTXJViDglIfnx7gj6g4qppGlXOn69eSSyTTwNZ20MdxO6s8rIZNxbGOfmXnAzmtDVopptFvYrVFkne3kWNGCkMxU4BDcHn149aUtmOG55bqFrfjTbk2Wsa21z5TeUE0rXFJfBxgtcFQc9yCPUGu31jUbS50fTQ9prV015P5UMVpJJYzs6o5Jbe8TAYRjgnnjg8Vxb+AoJ7Vop/DOtjem1zFZ6GhGRzhgAR9QQa9H1XRhq8dkwvLvT5rOXzopbfyy6sUZCCHV1PDntT0tYF/med649xpWl7dVg1KNptO1dYYp2e8ljRjHsDujSYAHctgdzXpF7q9tpyRRSEy3Uq5gtIhulmxgcL6ZIyxwq5ySBzXN674b1WZZFiu7rVi2l30AluTAjK8ixhEGxUGDtbkjjueldDfW+tvJH/ZWoWFrEEAZLmxedi3qGWZAB04x+NP7KRT2Xz/QztJvrzRkNr4qnVXnmaSC6LExfvGz5O8/dKs2xc43Dbt5yq9JWF9k8V/8AQa0b/wAFEv8A8k1ufWkT1PIfix/yNdt/15J/6G9M+FP/ACOL/wDXq/8ANaf8WP8Aka7b/ryT/wBDemfCn/kcX/69X/mtdP8Ay7Ph/wDmc/8Abx7NRRRXKfcEVz/x6Tf7jfypaS5/49Jv9xv5VDsvv+nf/wAeoAnoqDZff9O//j1Gy+/6d/8Ax6gCeioNl9/07/8Aj1Gy+/6d/wDx6gCvqWj2uqmM3Ul5GY84+y301vnPr5brn8c4q1b28NpbR29tGsUUa7URRgKKbsvv+nf/AMeo2X3/AE7/APj1AE9FQbL7/p3/APHqNl9/07/+PUAT0VBsvv8Ap3/8eo2X3/Tv/wCPUAT0VBsvv+nf/wAeo2X3/Tv/AOPUAT0VBsvv+nf/AMeo2X3/AE7/APj1AE9FQbL7/p3/APHqNl9/07/+PUAT0VBsvv8Ap3/8eo2X3/Tv/wCPUAT0VBsvv+nf/wAeo2X3/Tv/AOPUAT0VBsvv+nf/AMeo2X3/AE7/APj1AE9FQbL7/p3/APHqNl9/07/+PUAT0VBsvv8Ap3/8eo2X3/Tv/wCPUAT0VBsvv+nf/wAeo2X3/Tv/AOPUAT0VBsvv+nf/AMeo2X3/AE7/APj1AE9FQbL7/p3/APHqNl9/07/+PUAT0VBsvv8Ap3/8eo2X3/Tv/wCPUAT0VBsvv+nf/wAeo2X3/Tv/AOPUAT0VBsvv+nf/AMeo2X3/AE7/APj1AE9FQbL7/p3/APHqNl9/07/+PUAT0VBsvv8Ap3/8eo2X3/Tv/wCPUAT0VBsvv+nf/wAeo2X3/Tv/AOPUAT0VBsvv+nf/AMeo2X3/AE7/APj1AE9FQbL7/p3/APHqNl9/07/+PUAT0VBsvv8Ap3/8eo2X3/Tv/wCPUAT0VBsvv+nf/wAeo2X3/Tv/AOPUAT0VBsvv+nf/AMeo2X3/AE7/APj1AE9FQbL7/p3/APHqNl9/07/+PUAT0VBsvv8Ap3/8eo2X3/Tv/wCPUAT0VBsvv+nf/wAeo2X3/Tv/AOPUAT0VBsvv+nf/AMeo2X3/AE7/APj1AE9FQbL7/p3/APHqNl9/07/+PUAT0VBsvv8Ap3/8eo2X3/Tv/wCPUAT0VBsvv+nf/wAeo2X3/Tv/AOPUAT0VBsvv+nf/AMeo2X3/AE7/APj1AE9FQbL7/p3/APHqNl9/07/+PUAT0VBsvv8Ap3/8eo2X3/Tv/wCPUAT0VBsvv+nf/wAeo2X3/Tv/AOPUAT0VBsvv+nf/AMeo2X3/AE7/APj1AE9FQbL7/p3/APHqNl9/07/+PUAT0VBsvv8Ap3/8eo2X3/Tv/wCPUAT0VBsvv+nf/wAeo2X3/Tv/AOPUAT0VBsvv+nf/AMeo2X3/AE7/APj1AE9FQbL7/p3/APHqNl9/07/+PUAT0VBsvv8Ap3/8eo2X3/Tv/wCPUAT0VBsvv+nf/wAeo2X3/Tv/AOPUAT0VBsvv+nf/AMeo2X3/AE7/APj1AE9FQbL7/p3/APHqNl9/07/+PUAT0VBsvv8Ap3/8eo2X3/Tv/wCPUAT0VBsvv+nf/wAeo2X3/Tv/AOPUAT0VBsvv+nf/AMeo2X3/AE7/APj1AE9FQbL7/p3/APHqNl9/07/+PUAT0VBsvv8Ap3/8eo2X3/Tv/wCPUAeT/Fj/AJGu2/68k/8AQ3pnwp/5HF/+vV/5rXb+IfAsfiXUEvL6do5EiEQEL4GASe6nn5jR4c8DW3hnWEvIJ5ZGkRoiHcEYIz2Uf3a351yWPmf7NxH9o/WNOW99zr6KKKwPpiK5/wCPSb/cb+VS1Fc/8ek3+438qloAKKKKACiq19qVjpkSyale29pGzbVe4lWME+gJPWrNOztcV1ewUVl+I9bTw7oF1qcsEtwIELCOJGYsfQ7VO0e5GB3qSw1ux1KdoLdplnWFZ2int5IXCMzKDtdQeqN+XuKQzQorBPjbQfMEcd3NPK0K3CxW9pNM7RMSA4VEJK5U84wMjP3hm1c+JNKtrO1uftDXEd4u63FpC9w8q4yWCRqzFRkZOMDIz1FAGpRUNneQX9nFd2cqywTKGR17j+n0qagAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKz9TvJYXit7ZljllDM0jDIjRRknFZMV/NJLEtndXpllz5f2iJfLkx1x6CgDpqKr2F0L2xiuAu3eOV9COD+oqI3M819PBbtDGYQPlkUkvkZzwRgds80AXaKgN5AIZZTJhIWKyHB+UihbyF5zCrMWB2k7DtzjON2MZ9qAJ6Khlu4YZRHIx3EZwqFsD1OBwPc1AmqRGe5jdZEW35LlGwRjJ7cf1oAu0VTF8stxbiB18qTdnejAtgZBXjGPelh1O0uGRYpSfM4QlGAY+mSMZ9qALdFVG1O0RirSnh9m7Y20t6ZxgmrdABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFRS/wCsg/3z/wCgtUtRS/6yD/fP/oLUAS0UUUARXP8Ax6Tf7jfyqWorn/j0m/3G/lUtABRRRQBla/4b03xNaR22rwtLFE/mKFcrg4I7fWtWiiqcpNJN6IlRim5JaszPEtjNqfhfUrK0Cmee2dIwxwCxHAz25rC8Rm9lj027tLebT77UN2mPHK6GSJZATv8AlZlJTYWGCeCfeuwqo2mWr6omourvcxpsQtK5RB3KoTtDHONwGSOM4qfX+v8Ah9iv6/r0OTjnuNI+IGqR6Zo02oRJpdlGI7aWJGjAafbxIyjbxzg5HHB5IryeFr6z/sy5uLO+1BlgljuYdL1JrZ4nkk83KnzIg6ZJXkg8KQOuO2j0+2i1KfUI4sXVxGkUsm4/MqFioxnAxvbp61ZpvV3FZf18v8jP0Owi0zR4ba3tpLVBufyZZ2mdSzFjudiSTkknk89CRWhRRSeowooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAytXjaO4iutrNF5bwzbBkqrD72PY1jrIY/sjrqVpIbXIgQIxLA8cgc+ldbSBFDZCgH1xQBX0+1+xWEduW3lQctjqScn+dQahC9xlUtGMq/6m4V1Gw+uc5H0ANaFFAGTLA51VIMgpMFmmx6px09zt/KpVhnj1DdbRSRxsxMoZ1Mb8HBAzkEnHoPrV2O3jjleRQd7/eZmJ/DnoPYVJQBmXEd1IyTQW8kF0yqCyyqVHJ+VweoGeoBNE9tOW1FEhLi5j+RwwxnZjByc1p0UAUTbS+fYME+WFGD8jjKgVBDZTrpmnxGPDwyqzjI+UDOT+tatFPrcDDmW4t9LjtJLc/JMg83cMMN4xgZzn6j1rcquLC3Ewk2MWVtyhnYqp9QpOB+AqxSAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqKX/WQf75/wDQWqWopf8AWQf75/8AQWoAlooooAiuf+PSb/cb+VG2f/npH/37P/xVFz/x6Tf7jfyqWgCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqjbP8A89I/+/Z/+KqWigCLbP8A89I/+/Z/+Ko2z/8APSP/AL9n/wCKqWigCLbP/wA9I/8Av2f/AIqmMJRND5jow3n7qEfwn3NWKil/1kH++f8A0FqAJaKKKAIrn/j0m/3G/lUtRXP/AB6Tf7jfyqWgAooooAzdb8Q6X4ctY7jWbr7NFI+xG8tny2M4woPYVpVU1HSbDV4Vi1Szhu40bcqzIGAPTPNW6p8vKrb9SVzczvt0KmqalDpOntdXCu4DKiRxgFpHZgqqMkDJYgckDnkgc1mXGq3Mlzom5bvS2ubx4pbWaGJ2kAhkbazK5Cj5Q25S3QA45xpatbNeaVPbraWl75i4NteHEUo/usdrYHvtP0rA0/w1qNtFpRmmj/0K/kuRA11JOIYzC8axpI67nwWBywGASB0FSut/6/r+vO9Lff8AkWk8XBNUNlqOjajp223e5knuHt2jjiTqzGOViAe3HPPocWdO8RJfX6Wk2nX1g80RmtmulQC4QEZK7WYqRuU7XCtz04OMe20PXr2x1Sy16001P7WjkS5vLa+kkdQVKoqxtCo2qCBjd6nqTVjwz4b/ALKuhNceHfDunzRxbBdaZHiSY9zjy18sHGdu5+vXjJF5/wBf1/Xkn5f1/Wp1FFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBmarcSebFaxSNEGVpJZE+8qKO3uayImaSa2WCG5tHucmGdrkvuwM5K/lWxqttI0sV1DGZditHLGpwWRhzj3FY6wFfIMM2oNJBkQqbX/Vg9Qc8UAdBpl015psM8gw7AhgPUHB/lUDzyPqUlu901sQB5KhVxLxyeQc88YGKtWdqtlZx28ZLBB1PUknJP5mob63uLuOSARwNG/wB13Y7k98Y5I69RQA838SwzyMr/ALh9jLjknjGPrkU6K8E07IkUhVWKGTA27h1HXP44xVOS3La1HGrZTYssvqSuQpP1z/47Ups5v7RE8axQgElmRzmUYOAy4x365PSgCeS8Edx5KxSSsFDPsA+QHucn2PTJquupOs94JrdxFbDO4bem3P8Ae79v1ptzZ3VysZZYEnAH7+N2Voz3xxyPYkU6aynZr4R+WUuo8AsxBVtuOmOlHQOoq3rTXNoV82KOUMQjIp8wbQQc5yKINWinELCGZI522pI4ABPp1z29KebSQzWb5XECMrc9cqBxUUenypp9lAWTdbyKzEE4IGenHvT6i6D21WJV3+TM0JcIsoUbWOccc5x74xV6sOeOeDT4bUNC8Xnqsbq2Wcb84xjA+uT06VuUh9QooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACopf9ZB/vn/ANBapail/wBZB/vn/wBBagCWiiigCK5/49Jv9xv5VLUVz/x6Tf7jfyo8p/8An4k/Jf8ACgCWiovKf/n4k/Jf8KPKf/n4k/Jf8KAJaKi8p/8An4k/Jf8ACjyn/wCfiT8l/wAKAJaKi8p/+fiT8l/wo8p/+fiT8l/woAloqLyn/wCfiT8l/wAKPKf/AJ+JPyX/AAoAloqLyn/5+JPyX/Cjyn/5+JPyX/CgCWiovKf/AJ+JPyX/AAo8p/8An4k/Jf8ACgCWiovKf/n4k/Jf8KPKf/n4k/Jf8KAJaKi8p/8An4k/Jf8ACjyn/wCfiT8l/wAKAJaKi8p/+fiT8l/wo8p/+fiT8l/woAloqLyn/wCfiT8l/wAKPKf/AJ+JPyX/AAoAloqLyn/5+JPyX/Cjyn/5+JPyX/CgCWiovKf/AJ+JPyX/AAo8p/8An4k/Jf8ACgCWiovKf/n4k/Jf8KPKf/n4k/Jf8KAJaKi8p/8An4k/Jf8ACjyn/wCfiT8l/wAKAJaKi8p/+fiT8l/wo8p/+fiT8l/woAloqLyn/wCfiT8l/wAKPKf/AJ+JPyX/AAoAloqLyn/5+JPyX/Cjyn/5+JPyX/CgCWiovKf/AJ+JPyX/AAo8p/8An4k/Jf8ACgCWiovKf/n4k/Jf8KPKf/n4k/Jf8KAJaKi8p/8An4k/Jf8ACjyn/wCfiT8l/wAKAJaKi8p/+fiT8l/wo8p/+fiT8l/woAloqLyn/wCfiT8l/wAKPKf/AJ+JPyX/AAoAloqLyn/5+JPyX/Cjyn/5+JPyX/CgCWiovKf/AJ+JPyX/AAo8p/8An4k/Jf8ACgCWiovKf/n4k/Jf8KPKf/n4k/Jf8KAJaKi8p/8An4k/Jf8ACjyn/wCfiT8l/wAKAHJDHEzGONULnLFVA3H1NPqLyn/5+JPyX/Cjyn/5+JPyX/CgCWiovKf/AJ+JPyX/AAo8p/8An4k/Jf8ACgCWiovKf/n4k/Jf8KPKf/n4k/Jf8KABbW3SYzJBGsp6uEAY/jUtReU//PxJ+S/4UeU//PxJ+S/4UAS0VF5T/wDPxJ+S/wCFHlP/AM/En5L/AIUAS0VF5T/8/En5L/hR5T/8/En5L/hQBLRUXlP/AM/En5L/AIUeU/8Az8Sfkv8AhQBLRUXlP/z8Sfkv+FHlP/z8Sfkv+FAEtFReU/8Az8Sfkv8AhR5T/wDPxJ+S/wCFAEtFReU//PxJ+S/4UeU//PxJ+S/4UAS0VF5T/wDPxJ+S/wCFHlP/AM/En5L/AIUAS0VF5T/8/En5L/hR5T/8/En5L/hQBLRUXlP/AM/En5L/AIUeU/8Az8Sfkv8AhQBLRUXlP/z8Sfkv+FHlP/z8Sfkv+FAEtFReU/8Az8Sfkv8AhR5T/wDPxJ+S/wCFAEtFReU//PxJ+S/4UeU//PxJ+S/4UAS0VF5T/wDPxJ+S/wCFHlP/AM/En5L/AIUAS0VF5T/8/En5L/hR5T/8/En5L/hQBLRUXlP/AM/En5L/AIUeU/8Az8Sfkv8AhQBLRUXlP/z8Sfkv+FHlP/z8Sfkv+FAEtFReU/8Az8Sfkv8AhR5T/wDPxJ+S/wCFAEtFReU//PxJ+S/4UeU//PxJ+S/4UAS0VF5T/wDPxJ+S/wCFHlP/AM/En5L/AIUAS0VF5T/8/En5L/hR5T/8/En5L/hQBLRUXlP/AM/En5L/AIUeU/8Az8Sfkv8AhQBLRUXlP/z8Sfkv+FHlP/z8Sfkv+FAEtFReU/8Az8Sfkv8AhR5T/wDPxJ+S/wCFAEtRS/6yD/fP/oLUeU//AD8Sfkv+FMZGWaEtK7/OeGA/un0FAFiiiigCK5/49Jv9xv5VLUVz/wAek3+438qloAKKKKACisPxT4rsfCVjDd6lFcSxzS+Uot1UkHBPOSOOK3KpwkoqTWjJU4uTinqgorE8YX+oaZ4S1C90gRfaoYWdWlfaEAH3h8rZI9CMH1FRPrerm6j0+00qzm1JYBPdK1+yQQqzFUAk8oszNtbjYANpyemZKOgorlz4vuJm02Cx0hpby9a4ieKWcRrbyw8MGbByuf4gCcYIBziibxfc2sKxz6QW1AahHYS20NwGUF13q6uQNy4IPIU9eOOQDqKK5LVdbu30rUrLVraTT723SGUHT70kPG8m0FJSikHKkEFen1qS98V6jFe61FYaItzFoxUzyPeeWZVMQkIjXYcsAehKjp83OAroaTZ1NFYUmv3dzfCDQtOjvUjhSa4kmufJ2h+VVBtbc+ATg7QMj5ueKVv4ymvotGFnp8CXOqW5uBBeXnkkKOqIdjeY4HO3AAA5Ip9bC6XOqooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigApizRu21JFZvQMCazNYcy3EVqxYQ+W80wU4LhRwufrWTHC08lkklpa26XYYxSQBhImBnOc9eRQB1lFU9JuJLrSoZZjmQgqx9SCRn9KgncLqEgvpJoom2iCRHZUHHIOOM5/vUAadFUm1ApFckxfvIZBGqbvvk42/TOadBevcXUkaRJsifYx8z5gfXbjoe3NAFuiqkt6yXwtoo1Ztm875NpIz/AAjHJ49qri+uo5tQaWONorcblAfkfLnH3e/6e9AGnRWctzJLdWTSo0XmB2VElyCNoPzDHJ/lSW+qySx20slqI4bhtit5mSDzjIx049aANKis5tUlEAuEtQ1uzhFbzMMcnG7GOB+NaNABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFRS/6yD/fP/oLVLUUv+sg/3z/6C1AEtFFFAEVz/wAek3+438qlqK5/49Jv9xv5VLQAUUUUANeNJRiRFcDswzTqKKAKesacur6LeadJI0a3ULRF1GSuRjP4VlyaJq63UeoWmq2cWpNALe6Z7BmgmVWLIRH5oZWG5ud5B3HI6Y6CigDiL3RrnT9f8PWum6gUuyb2d7m4hEgldtrNuQFeCT0UrjA59W63olzZQ6cx1ANqV9rcU012kAVQ4jZVAjJOECqBgsT15yc13NFLr934O/6B0+/8Tm38LXN5DfyapqMU1/epFEZobUxxxRxtuVVQux5JYklj17YxVxdA2y68/wBp/wCQwQceX/qcQrH6/N93Pbrj3rYooaTVn6DTad0cVqRt/DF8rL4mtNMea0jjmguoN73HljaGgG8fPjjAEgzt+X1LTwtf6n8PdL0e8mt4Ims0S6hvLPzpFOM7kbcuyQZ6kNggEDjntaKe+rEtNhsaeXGqAswUAZY5J+pp1FFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAUNSs5ZniuLYK0sWQUc4EikYK1kLpjjZ5NheJIp+Um6UCP1wf/AK1dNRQBHb28drbpBCMIgwBUN1az3KyReeiwyDDKYssB3wc4/MGrVFAGX5Mc+tJ5Lbo4EHmAHI3jIUE+oyf0qw9i8t6k8kqfuiShWPD8g8Fs8jnpirlFAFC40+a6gSGe5R1AG5jD82R3Ug/KfwNOlsGke62TBUuo9rApkg7cZBz+lXaKAKxs8y2r7/8Aj3UrjH3sjH4VFHpuyytbfzc/Z3V92372M8deOtXqKAMGVQIo7G2vFlAnXbCE+dQGydxz0HPYdua3qKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKil/1kH++f/QWqWopf9ZB/vn/ANBagCWiiigCK5/49Jv9xv5UfZ0/vSf9/W/xouf+PSb/AHG/lUtAEX2dP70n/f1v8aPs6f3pP+/rf41LRQBF9nT+9J/39b/Gj7On96T/AL+t/jUtFAEX2dP70n/f1v8AGj7On96T/v63+NS0UARfZ0/vSf8Af1v8aPs6f3pP+/rf41LRQBF9nT+9J/39b/Gj7On96T/v63+NS0UARfZ0/vSf9/W/xo+zp/ek/wC/rf41LRQBF9nT+9J/39b/ABo+zp/ek/7+t/jUtFAEX2dP70n/AH9b/Gj7On96T/v63+NS0UARfZ0/vSf9/W/xo+zp/ek/7+t/jUtFAEX2dP70n/f1v8aPs6f3pP8Av63+NS0UARfZ0/vSf9/W/wAaPs6f3pP+/rf41LRQBF9nT+9J/wB/W/xo+zp/ek/7+t/jUtFAEX2dP70n/f1v8aPs6f3pP+/rf41LRQBF9nT+9J/39b/Gj7On96T/AL+t/jUtFAEX2dP70n/f1v8AGj7On96T/v63+NS0UARfZ0/vSf8Af1v8aPs6f3pP+/rf41LRQBF9nT+9J/39b/Gj7On96T/v63+NS0UARfZ0/vSf9/W/xo+zp/ek/wC/rf41LRQBF9nT+9J/39b/ABo+zp/ek/7+t/jUtFAEX2dP70n/AH9b/Gj7On96T/v63+NS0UARfZ0/vSf9/W/xo+zp/ek/7+t/jUtFAEX2dP70n/f1v8aPs6f3pP8Av63+NS0UARfZ0/vSf9/W/wAaPs6f3pP+/rf41LRQBF9nT+9J/wB/W/xo+zp/ek/7+t/jUtFAEX2dP70n/f1v8aPs6f3pP+/rf4093WNC8jKiryWY4AqtHqthNII47uJmPAG7rQBN9nT+9J/39b/Gj7On96T/AL+t/jUtFAEX2dP70n/f1v8AGj7On96T/v63+NS0UARfZ0/vSf8Af1v8aPs6f3pP+/rf41LRQBF9nT+9J/39b/Gj7On96T/v63+NS0UARfZ0/vSf9/W/xo+zp/ek/wC/rf409ZEcsEZWKnDAHOD6GnUARfZ0/vSf9/W/xo+zp/ek/wC/rf41LRQBF9nT+9J/39b/ABo+zp/ek/7+t/jUtFAEX2dP70n/AH9b/Gj7On96T/v63+NS0UARfZ0/vSf9/W/xo+zp/ek/7+t/jUtFAEX2dP70n/f1v8aPs6f3pP8Av63+NS0UARfZ0/vSf9/W/wAaPs6f3pP+/rf41LRQBF9nT+9J/wB/W/xo+zp/ek/7+t/jUtFAEX2dP70n/f1v8aPs6f3pP+/rf41LRQBF9nT+9J/39b/Gj7On96T/AL+t/jUtFAEX2dP70n/f1v8AGj7On96T/v63+NS0UARfZ0/vSf8Af1v8aPs6f3pP+/rf41LRQBF9nT+9J/39b/Gj7On96T/v63+NS0UARfZ0/vSf9/W/xo+zp/ek/wC/rf41LRQBF9nT+9J/39b/ABo+zp/ek/7+t/jUtFAEX2dP70n/AH9b/Gj7On96T/v63+NS0UARfZ0/vSf9/W/xo+zp/ek/7+t/jUtFAEX2dP70n/f1v8aPs6f3pP8Av63+NS0UARfZ0/vSf9/W/wAaPs6f3pP+/rf41LRQBF9nT+9J/wB/W/xo+zp/ek/7+t/jUtFAEX2dP70n/f1v8aPs6f3pP+/rf41LRQBF9nT+9J/39b/Gj7On96T/AL+t/jUtFAEX2dP70n/f1v8AGj7On96T/v63+NS0UARfZ0/vSf8Af1v8aPs6f3pP+/rf41LRQBF9nT+9J/39b/GmNEqTQlS5+c/ecn+E+pqxUUv+sg/3z/6C1AEtFFFAEVz/AMek3+438qlqK5/49Jv9xv5VLQAUUUUAYPizxDdeHNPhuLLSJtVeSXYYoWIKjBO7hW9MfjW9RRVNpxSS1JSkpNt6GR4p1W60Xw3c39hFFNcRFBHHKSFYs6rgkdOvWs2+1zWNFmni1JrC4aWxuLu1METx+W0QBKOC53j5h8w29DwMirfja0lv/CN3bQRSyvI0Q2w7t+PNXJG3kYGTkdKVfC0T/amv9Rvr+We1e0WW4aMGGJ/vKgRFGTgcsCTtHNZu9nb+tP8AP+u+itdXM0XF3c3Hhi91uKzeeed5YxCki/ZgbVyRnfhz1GSMYPQHmprTxBqn/CPS+J78Wi6WbR7uKyiibz1QLuUmTdtYkDlQgxu+8cc7J0a3J0wl5P8AiWHMPI+b92Y/m454Y9Mc1TtPC1vaQy2gvbybS3jeJdNlZDDGrcEA7fMIwSAC5AB4AwMXK13b5Ew2XMZ/h7xJql/rEdtfW7vBPC0m9dIurQWzDGEZ5hiTIJww2/d+7zx1lZek6LJpRw+r6hfxogjiju2jIjX6qisx4HLlj78nOpQ7dBK/UKKKKQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDH1c+ZewwyANFHFJOUPRyo4BrOjaa7ewiu7iKaG8DExrEo8vA4APXv+lbt/ZNdeVLBII7iEkozDIIPUEehrL/sWVht/s+xQsfmfzHP5Dt+dAGlosrzaPA0rbmwV3euCQP0FQXUaRXss9/b+fbvjbLjd5OBzx1AzzkVpxRJDEscShEUYCjtUE9n9oLhriZY34eNSMEemSMj8CKAK738qJcJiMzLKqQjnDBsbT/P8jT4byV9QeCRoo9rELEykMy4+8DnB6dAOPWmC3WbWElWNljt49uWUqGbkDGeuATz71YayD3CySTSuEYsiEjCkjGRxnuepoAimuLo6n9ltvJVfJ8wvIpbnOMYBFNtdQkuGtAyKvnI5cDsVIHHt1qeGySGZZfMkkdYhFl2zkZzk+9MGmxrHCsUssbQlirqRn5jkjkYx+HagCudQuXmjiiEIL3EkWWUnAXv16006heJDNM6w7LeXy3AU5fkcjn5eCOOatQ6ZDC0TK8jGORpAWbOSwwc8U59PieCeIs+2eTzGORkHjpx7UAUoWukm1F7cwhUmLHzATuO0ccEY+vPWlfVpZWxaptxErnMDybiwyB8vT6n8qsvpaM85FxOiznMiKww3GMdMj8Ke1gvm+ZBNLbnYEPlkYYDpwQenrR0H1IYLy5ub7ywiRRrEkjB1JYFs5XqPTr+laFQx2qRXDzKWLOiocnPAzj+dTUCCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqKX/WQf75/9Bapail/1kH++f8A0FqAJaKKKAIrn/j0m/3G/lUtBAZSGGQeCD3qL7NB/wA8I/8AvgUAS0VF9mg/54R/98Cj7NB/zwj/AO+BQBLRUX2aD/nhH/3wKPs0H/PCP/vgUAS0VF9mg/54R/8AfAo+zQf88I/++BQBLRUX2aD/AJ4R/wDfAo+zQf8APCP/AL4FAEtFRfZoP+eEf/fAo+zQf88I/wDvgUAS0VF9mg/54R/98Cj7NB/zwj/74FAEtFRfZoP+eEf/AHwKPs0H/PCP/vgUAS0VF9mg/wCeEf8A3wKPs0H/ADwj/wC+BQBLRUX2aD/nhH/3wKPs0H/PCP8A74FAEtFRfZoP+eEf/fAo+zQf88I/++BQBLRUX2aD/nhH/wB8Cj7NB/zwj/74FAEtFRfZoP8AnhH/AN8Cj7NB/wA8I/8AvgUAS0VF9mg/54R/98Cj7NB/zwj/AO+BQBLRUX2aD/nhH/3wKPs0H/PCP/vgUAS0VF9mg/54R/8AfAo+zQf88I/++BQBLRUX2aD/AJ4R/wDfAo+zQf8APCP/AL4FAEtFRfZoP+eEf/fAo+zQf88I/wDvgUAS0VF9mg/54R/98Cj7NB/zwj/74FAEtFRfZoP+eEf/AHwKPs0H/PCP/vgUAS0VF9mg/wCeEf8A3wKPs0H/ADwj/wC+BQBLRUX2aD/nhH/3wKPs0H/PCP8A74FAEtFRfZoP+eEf/fAo+zQf88I/++BQBLRUX2aD/nhH/wB8Cj7NB/zwj/74FAEtFRfZoP8AnhH/AN8Cj7NB/wA8I/8AvgUAS0VF9mg/54R/98Cj7NB/zwj/AO+BQBLRUX2aD/nhH/3wKPs0H/PCP/vgUAS0VF9mg/54R/8AfAo+zQf88I/++BQBLRUX2aD/AJ4R/wDfAo+zQf8APCP/AL4FAEtFRfZoP+eEf/fAo+zQf88I/wDvgUAS0VF9mg/54R/98Cj7NB/zwj/74FAEtFRfZoP+eEf/AHwKPs0H/PCP/vgUAS0VF9mg/wCeEf8A3wKPs0H/ADwj/wC+BQBLRUX2aD/nhH/3wKPs0H/PCP8A74FAEtFRfZoP+eEf/fAo+zQf88I/++BQBLRUX2aD/nhH/wB8Cj7NB/zwj/74FAEtFRfZoP8AnhH/AN8Cj7NB/wA8I/8AvgUAS0VF9mg/54R/98Cj7NB/zwj/AO+BQBLRUX2aD/nhH/3wKPs0H/PCP/vgUAS0VF9mg/54R/8AfAo+zQf88I/++BQBLRUX2aD/AJ4R/wDfAo+zQf8APCP/AL4FAEtFRfZoP+eEf/fAo+zQf88I/wDvgUAS0VF9mg/54R/98Cj7NB/zwj/74FAEtFRfZoP+eEf/AHwKPs0H/PCP/vgUAS0VF9mg/wCeEf8A3wKPs0H/ADwj/wC+BQBLRUX2aD/nhH/3wKPs0H/PCP8A74FAEtFRfZoP+eEf/fAo+zQf88I/++BQBLRUX2aD/nhH/wB8Cj7NB/zwj/74FAEtFRfZoP8AnhH/AN8Cj7NB/wA8I/8AvgUAS0VF9mg/54R/98Cj7NB/zwj/AO+BQBLRUX2aD/nhH/3wKPs0H/PCP/vgUAS0VF9mg/54R/8AfAo+zQf88I/++BQBLRUX2aD/AJ4R/wDfAo+zQf8APCP/AL4FAEtFRfZoP+eEf/fAo+zQf88I/wDvgUAS1FL/AKyD/fP/AKC1H2aD/nhH/wB8CnLBEjBkiRSOhCgUAPooooA//9k=)

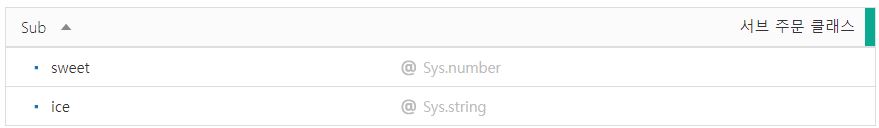
Gong.type – 음료 종류 Entities

Gong.size – 음료 사이즈Entities

Gong.toppings – 음료 토핑Entities

Gong.price – 음료 가격 Entities

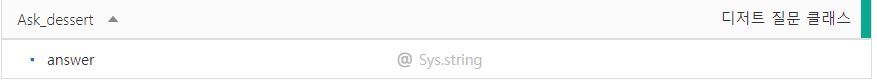
**2. Get\_sub\_info**



Sub.sweet – 음료 당도 선택 Entities

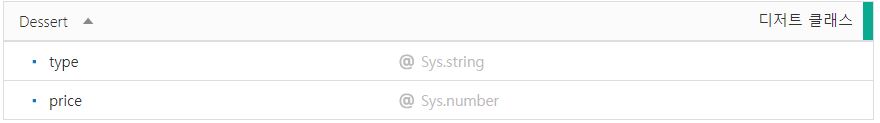
Sub.ice – 음료 얼음 선택 Entities

**3. Ask\_dessert\_info**



Ask\_dessert.answer – 디저트 질문 Entities

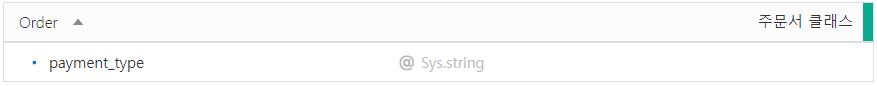
**4. Get\_dessert\_info**



Dessert.type – 디저트 종류 Entities

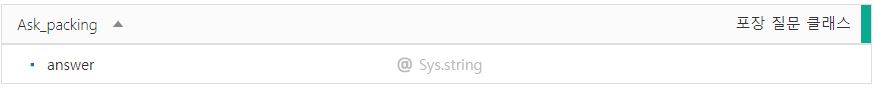
Dessert.price – 디저트 가격 Entities

**5. Get\_payment\_info**



Order.payment\_type - 결제 수단 Entities

**6. Get\_packaging\_info**



Ask\_packing.answer – 포장 질문 Entities

**Intent**

**1. All tasks**



affirm – 예(YES) 표현 intents

negate – 아니오(NO) 표현 intents

**2. Get\_gong\_info**



inform\_gong– 음료 주문 처리 intents

ask\_ gong \_price – 음료 가격 질문 intents

ask\_ gong \_type – 음료 종류 질문 intents

**3. Get\_payment\_info**

![테이블이(가) 표시된 사진

자동 생성된 설명](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDsRXhpZgAATU0AKgAAAAgABAE7AAIAAAATAAAISodpAAQAAAABAAAIXpydAAEAAAAOAAAQ1uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAOq5gO2YhOyImOq5gO2YhOyImAAAAAWQAwACAAAAFAAAEKyQBAACAAAAFAAAEMCSkQACAAAAAzg0AACSkgACAAAAAzg0AADqHAAHAAAIDAAACKAAAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAyMDIxOjEwOjE3IDIxOjUwOjQyADIwMjE6MTA6MTcgMjE6NTA6NDIAAABArgTWGMJArgTWGMIAAP/hCyVodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDIxLTEwLTE3VDIxOjUwOjQyLjgzNjwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT7quYDtmITsiJjquYDtmITsiJg8L3JkZjpsaT48L3JkZjpTZXE+DQoJCQk8L2RjOmNyZWF0b3I+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwAHBQUGBQQHBgUGCAcHCAoRCwoJCQoVDxAMERgVGhkYFRgXGx4nIRsdJR0XGCIuIiUoKSssKxogLzMvKjInKisq/9sAQwEHCAgKCQoUCwsUKhwYHCoqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioq/8AAEQgAeAOFAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A+kaKKpaxqS6RpUt40bTMuFjhUgNLIxCogJ4yWIH40AXaKx7KPxJ9pjl1C50swMcyWsFtIHjB7CYuQ+PXy1z/ALNPXxNpTap9gWeQy+YYQ4t5PJMgHKCXbsLDBG0NnIIxkUAatFYvh7xLB4h+1+RbXUBtp3iPn20sYYKxAILoozxyvJHerWp69p2jywRahcGOW53eRGsbO0pUZIVVBJOD0HJ7UdLh1saFFZkXiHTZtLe/illeKNzG6LbSGZXH8Bi2793fbtzjnpRaeIdMvjbC3uG3XTyRxJJC8bb0+8rKwBVhjOGwaANOise78V6PZXJt57lzP5rQrFFbySM7qquyqFUliFYHAz39Dhlv4x0O6mgjt7uRzO4jV/s0oRJMkeW7ldsb5GNjENnAxyKNwNuisq58TaVZ6j9inuJBKHVHdbeRoombG1XlClEY5GAxB+YeoqC48Y6HbXk1tLdv5kEwgnKW0rJA5248xwpVAdwwWIB554OBa7A9NzcorFtvE0Fz4ru9DFtdLJbxo4mNrLsYtuyN2zaANvB3YbJA6GrOuX0+n2EUttJbRu11BETcq5Uh5FUgbedxDYHbOM8Zo3t5gaNFYdx4x0O2vJraW7fzIJhBOUtpWSBztx5jhSqA7hgsQDzzwcUh4h8/4hXGmNdXltbafapK6CzIhlZvM3GSVkIVVCKVIZQTuGWwQADqaKydO8T6Vql0tvaTTCSRDJF59rLCJlGMtGzqBIOQcqTwQe9a1ABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAVZP+Ptv9xf5miiX/j7b/cX+bUVSEWqzdf02TVdHe3t5FjuEkjngZx8okjcOu7H8OVAPtmtKipGchdWVxrmuaZc3PhZrK9sp0d9Rna3cBF3ZSN1cyEEngFV98dKp6R4XNtex2eoaTqk3kXZnjvBrDm0bEnmK3k+dkN0+Xy9u4dcc13dFC0en9bf5A9TmrG+h8Nf2gmvvFp1rJeySwXt1cRRxTeYSwVctuDDnIIHTjNZ2qa7a3/ijQLzw81vriwi6V1srqNiDsTIUk7d2COCy8Hr69tVeWxtp763vJY909sHET7iNoYANx0OcDrStol2Drc5Kew11orq/W0u4l1DUFludPtLiJLn7OsIjCiTcFDFlViVcEDgNkVUj0270Lwvqmp3NpNDLZakdStIp7s3EjRhFVlLliSzL5i4JOCeCRgn0Cql7plrqMkDXiPILdxIieawQsMEFlB2vggEbgcEZHNP+vy/yDff+t/8AMwbHQ7631Dw/NMokaCO5kvZQQAJZQrHjOcFt3ToBUc2g3p8O3lrHar50utC7VQyjMf2pZC2c4+6CfX8a62ijaXMv61T/AEDW39f11OEk8MMdY1C3v9I1S+t726adbi31h4rfa5yRJF5q4IIx8qNkY75AuXWg30vhzxhapagzanLM1su9f3oaBEU5zgcqRzjpXX0UR91WXa35f5Dv73N53/P/ADOeZn0bxPeajfRiPTbizhV715o0jtzGZM79zAgHeuCAe+cVDqep6b4osY7Xw7qdhqc8N5azyR2t3G5SNJ0ZmOG6AA109FO+txLTY5C60G+l8OeMbVLUGbU5Zmtl3L+9DQIqnOcDlSOcdKff+Hb3UdS8RrhYYdR0mC1hmYgguvnbgQDnA3r9c8V1lFF9LD/4f8bnMBNU1vVtIe70eTS49Nma4lkmmifzG8p4wsWxidvzkksFOAOOTjp6KKQgooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAKsv/H23+4v82ool/4+2/3F/m1FUhEv2dP70n/f1v8AGj7On96T/v63+NS0VIyL7On96T/v63+NH2dP70n/AH9b/GpaKAIvs6f3pP8Av63+NH2dP70n/f1v8alooAi+zp/ek/7+t/jR9nT+9J/39b/GpaKAIvs6f3pP+/rf40fZ0/vSf9/W/wAalooAi+zp/ek/7+t/jR9nT+9J/wB/W/xqWigCL7On96T/AL+t/jR9nT+9J/39b/GpaKAIvs6f3pP+/rf40fZ0/vSf9/W/xqWigCL7On96T/v63+NH2dP70n/f1v8AGpaKAIvs6f3pP+/rf40fZ0/vSf8Af1v8alooAi+zp/ek/wC/rf40fZ0/vSf9/W/xqWigCL7On96T/v63+NH2dP70n/f1v8alooAi+zp/ek/7+t/jR9nT+9J/39b/ABqWigCL7On96T/v63+NH2dP70n/AH9b/GpaKAIvs6f3pP8Av63+NH2dP70n/f1v8alooAi+zp/ek/7+t/jR9nT+9J/39b/GpaKAIvs6f3pP+/rf40fZ0/vSf9/W/wAalooAi+zp/ek/7+t/jR9nT+9J/wB/W/xqWigCL7On96T/AL+t/jR9nT+9J/39b/GpaKAIvs6f3pP+/rf40fZ0/vSf9/W/xqWigCL7On96T/v63+NH2dP70n/f1v8AGpaKAIvs6f3pP+/rf40fZ0/vSf8Af1v8alooAi+zp/ek/wC/rf40fZ0/vSf9/W/xqWigCL7On96T/v63+NH2dP70n/f1v8alooAi+zp/ek/7+t/jR9nT+9J/39b/ABqWigCL7On96T/v63+NH2dP70n/AH9b/GpaKAIvs6f3pP8Av63+NH2dP70n/f1v8alooAi+zp/ek/7+t/jR9nT+9J/39b/GpaKAIvs6f3pP+/rf40fZ0/vSf9/W/wAalooAi+zp/ek/7+t/jR9nT+9J/wB/W/xqWigCL7On96T/AL+t/jR9nT+9J/39b/GpaKAIvs6f3pP+/rf40fZ0/vSf9/W/xqWigCL7On96T/v63+NH2dP70n/f1v8AGpaKAIvs6f3pP+/rf40fZ0/vSf8Af1v8alooAi+zp/ek/wC/rf40fZ0/vSf9/W/xqWigCL7On96T/v63+NH2dP70n/f1v8alooAi+zp/ek/7+t/jR9nT+9J/39b/ABqWigCL7On96T/v63+NH2dP70n/AH9b/GpaKAIvs6f3pP8Av63+NH2dP70n/f1v8alooAi+zp/ek/7+t/jR9nT+9J/39b/GpaKAIvs6f3pP+/rf40fZ0/vSf9/W/wAalooAi+zp/ek/7+t/jR9nT+9J/wB/W/xqWigCL7On96T/AL+t/jR9nT+9J/39b/GpaKAIvs6f3pP+/rf40fZ0/vSf9/W/xqWigCL7On96T/v63+NH2dP70n/f1v8AGpaKAIvs6f3pP+/rf40fZ0/vSf8Af1v8alooAi+zp/ek/wC/rf40fZ0/vSf9/W/xqWigCL7On96T/v63+NH2dP70n/f1v8alooAi+zp/ek/7+t/jR9nT+9J/39b/ABqWigCL7On96T/v63+NH2dP70n/AH9b/GpaKAIvs6f3pP8Av63+NH2dP70n/f1v8alooAi+zp/ek/7+t/jR9nT+9J/39b/GpaKAIvs6f3pP+/rf40fZ0/vSf9/W/wAalooAi+zp/ek/7+t/jR9nT+9J/wB/W/xqWigCL7On96T/AL+t/jR9nT+9J/39b/GpaKAIvs6f3pP+/rf40fZ0/vSf9/W/xqWigCmyBLpgu4/Iv3mJ7n1op0v/AB9t/uL/ADaiqQi1TZJFjA3Z5OBgE5/KnVFL/rIP98/+gtUjD7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigCL7QnpJ/36b/Cj7QnpJ/36b/CpaKAIvtCekn/AH6b/Cj7QnpJ/wB+m/wqWigBiSrIxC7sjBIZSP5/Sn1Ev/H3J/uL/NqloAqy/wDH23+4v82ool/4+2/3F/m1FUhFqopf9ZB/vn/0FqlqKX/WQf75/wDQWqRktVrLUbXUftH2OXzPs07W8vykbZF6jkc9eo4qzXB31xe3MlpbrqN3AsviWSB2imIYxCKQ+XnsvH4dRggGl9q39bpfqPpf+tm/0Oy1PUItK02a8uA7JEB8kYBZyTgKM4GSSAMkDnqKltpXntY5ZbeS2d1BaGUqWQ+h2kjP0JFed+I7Dbo+s6XJd301ra6jYPB5l7KZEEkkYZTJu3MM5I3E4JyOgxsLYw3+pazb6hquoWkekiOO2WPUZYzFF5QbznIbMhLbxmTcP3eP72S+jf8AX9ahZtHY0Vw2iTXuu67pcmp3t2q/2LDdPDDK8CySmQ4cqpHUD7vQ5wQcVStre8l0LT9SGs6mt1Pqz2sjG7dlMLXEkewITtGAeGxuGBzxTtt5u342Jbtfy/yuejUVgeHkez1bWNNFxcT21vJE0H2md5nQPGCV3uSxGQTyTjPpVbxMzS+KvD9i+pXFlb3X2lZUgnMRnwi4TIIOepBXDDBwRS9BnUUVwgvXT7doUMt7fI2pfZLEtqDxMSIBK6PcAmTap3cjL8beQDUGh6rd21rDf396Ra6dqlxYXI+3PcII2xszIwBcrJtXcwyATz1p3X6/l/mD0/r1/wAj0KiuGEd3qOoaAt5e6jbx6mLu6mgjuXiYKVUxxkqQV2gj7pBznnk5rJFd2ekvqX9q6hNcWOsLZwiS6cp5H2kR7HTOJDtY/O4LdDngUL4uX+u36h0uv6/qx6FRXns3/CQ6rq2qXNlNbxSWN75UTya1NCsCLtID26xFGDA5yxJIfgjAwmoR3j6b4u1b+1dQS40u7kkskS6dY4tkMb7SgIDqT1DAjBOAMnJH3rel/wAv8x21su9vz/yPQFnieaSFJUaWMAugYFlB6ZHbOD+VE08VvEZLiVIowQCzsFGScAZPqSBXMaRpkCfEDWbsSXXm+TbuFa8lKfMJM/IW24444wOcYqfx5ZxXvhV1madQlxA2YZ3iP+tUHJQjIwT16cHqAaHoTF3Ojorjr+e40C8vNMtrm5kOpQxLpvmzvM8cmRE+C5Jwu6Nzz/eNQw2kV54k1+z1DXdQjg0+K3aOJNQeIwjyeZSVYE577sqSCSCaV9L/ANeY+tjt6K83ivde8RTaZaSBWZtHhvCh1WXTnldywaTMKMWwAuVyFBfkHIx3Ohi8Gg2Q1SeG4uxColmhbckjY+8DgZz16D6VVrB1sX6KKKQBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBEv/AB9yf7i/zapaiX/j7k/3F/m1S0AVZf8Aj7b/AHF/m1FEv/H23+4v82oqkItVFL/rIP8AfP8A6C1S1DcMqPCzsFAfkk4/hNSMmqubCzLKxtIMrKZ1PljiQgguP9rBIz15p/2mD/nvH/32KPtMH/PeP/vsUAMlsLOfzPOtIJPNZWk3xg7ypBUn1IIGPTFQ32iaVqlxDPqWmWd5NAcwyXFusjR85+UkccgdKs/aYP8AnvH/AN9ij7TB/wA94/8AvsUAL9nh+0m48qPzymwy7Ru25ztz1xnnFRrYWaQpCtrAsUcnmogjG1Xzu3Adjk5z680/7TB/z3j/AO+xR9pg/wCe8f8A32KAKt/pbXWWsr+40uZ2BlmtI4S8uBgBvMjcED86yrjwq95qGnnVLr+2LWBZxOuoxxEuHChV2pGqEArnkZ+tb/2mD/nvH/32KPtMH/PeP/vsUAVZNC0ibS00yXSrJ7CPGy0a3QxLjnhMYH5VQ1fQBeaeNIsLKxt9NunBvSBtbaCvCoFwxYLtySNo55xitn7TB/z3j/77FH2mD/nvH/32KOoCtbwvNHM8MbSxAiNyoLID1we2cCmGxtGhaJrWExtJ5rIYxgvu3biPXcAc9c8077TB/wA94/8AvsUfaYP+e8f/AH2KAK0+iaVdalFqNzplnNfQ4Ed1Jbo0qY6YcjIxk96naws2huImtYDHdEmdDGMSkjB3D+LIAHPanfaYP+e8f/fYo+0wf894/wDvsUAVb/R7a9kFwgW1v0Ty4r+KGJp4VzyFZ1YAHkEY71HaaPJHDcQ6nql1rEE6bGhvooNmO4xHEuc55BzV77TB/wA94/8AvsUfaYP+e8f/AH2KAMhNDLa7Zym0s7XTtKRhYRW/Usy7SSu0CMKNwABbO7PGMVGPCtnda9qV7rFjY30c8sUlsJ4RI0RWMKT8w4OR2rb+0wf894/++xR9pg/57x/99igCvqWjaZrMaR6vp1pfpGdyLdQLKFPqAwOKuKqooVAFVRgADAAqP7TB/wA94/8AvsUfaYP+e8f/AH2KAJaKi+0wf894/wDvsUfaYP8AnvH/AN9igCWiovtMH/PeP/vsUfaYP+e8f/fYoAloqL7TB/z3j/77FH2mD/nvH/32KAJaKi+0wf8APeP/AL7FH2mD/nvH/wB9igCWiovtMH/PeP8A77FH2mD/AJ7x/wDfYoAloqL7TB/z3j/77FH2mD/nvH/32KAJaKi+0wf894/++xR9pg/57x/99igCWiovtMH/AD3j/wC+xR9pg/57x/8AfYoAloqL7TB/z3j/AO+xR9pg/wCe8f8A32KAJaKi+0wf894/++xR9pg/57x/99igCWiovtMH/PeP/vsUfaYP+e8f/fYoAloqL7TB/wA94/8AvsUfaYP+e8f/AH2KAJaKi+0wf894/wDvsUfaYP8AnvH/AN9igCWiovtMH/PeP/vsUfaYP+e8f/fYoAloqL7TB/z3j/77FH2mD/nvH/32KAJaKi+0wf8APeP/AL7FH2mD/nvH/wB9igCWiovtMH/PeP8A77FH2mD/AJ7x/wDfYoAloqL7TB/z3j/77FH2mD/nvH/32KAJaKi+0wf894/++xR9pg/57x/99igCWiovtMH/AD3j/wC+xR9pg/57x/8AfYoAloqL7TB/z3j/AO+xR9pg/wCe8f8A32KAJaKi+0wf894/++xR9pg/57x/99igCWiovtMH/PeP/vsUfaYP+e8f/fYoAloqL7TB/wA94/8AvsUfaYP+e8f/AH2KAJaKi+0wf894/wDvsUfaYP8AnvH/AN9igCWiovtMH/PeP/vsUfaYP+e8f/fYoAloqL7TB/z3j/77FH2mD/nvH/32KAJaKi+0wf8APeP/AL7FH2mD/nvH/wB9igCWiovtMH/PeP8A77FH2mD/AJ7x/wDfYoAloqL7TB/z3j/77FH2mD/nvH/32KAJaKi+0wf894/++xR9pg/57x/99igCWiovtMH/AD3j/wC+xR9pg/57x/8AfYoAloqL7TB/z3j/AO+xR9pg/wCe8f8A32KAJaKi+0wf894/++xR9pg/57x/99igCWiovtMH/PeP/vsUfaYP+e8f/fYoAloqL7TB/wA94/8AvsUfaYP+e8f/AH2KAJaKi+0wf894/wDvsUfaYP8AnvH/AN9igCWiovtMH/PeP/vsUfaYP+e8f/fYoAloqL7TB/z3j/77FH2mD/nvH/32KAJaKi+0wf8APeP/AL7FH2mD/nvH/wB9igCWiovtMH/PeP8A77FH2mD/AJ7x/wDfYoAloqL7TB/z3j/77FH2mD/nvH/32KAJaKi+0wf894/++xR9pg/57x/99igCWiovtMH/AD3j/wC+xR9pg/57x/8AfYoAF/4+5P8AcX+bVLUEUiSXUhjZWGxRlTnu1T0AVZf+Ptv9xf5tRRL/AMfbf7i/zaiqQi1RRRUjCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigCrL/wAfbf7i/wA2ool/4+2/3F/m1FUhC/aJv+eSf99n/Cj7RL/zyT/v4f8ACiiiwB9ol/55J/38P+FH2iX/AJ5J/wB/D/hRRRYA+0S/88k/7+H/AAo+0S/88k/7+H/CiiiwB9ol/wCeSf8Afw/4UfaJf+eSf9/D/hRRRYA+0S/88k/7+H/Cj7RL/wA8k/7+H/CiiiwB9ol/55J/38P+FH2iX/nkn/fw/wCFFFFgD7RL/wA8k/7+H/Cj7RL/AM8k/wC/h/wooosAfaJf+eSf9/D/AIUfaJf+eSf9/D/hRRRYA+0S/wDPJP8Av4f8KPtEv/PJP+/h/wAKKKLAH2iX/nkn/fw/4UfaJf8Ankn/AH8P+FFFFgD7RL/zyT/v4f8ACj7RL/zyT/v4f8KKKLAH2iX/AJ5J/wB/D/hR9ol/55J/38P+FFFFgD7RL/zyT/v4f8KPtEv/ADyT/v4f8KKKLAH2iX/nkn/fw/4UfaJf+eSf9/D/AIUUUWAPtEv/ADyT/v4f8KPtEv8AzyT/AL+H/CiiiwB9ol/55J/38P8AhR9ol/55J/38P+FFFFgD7RL/AM8k/wC/h/wo+0S/88k/7+H/AAooosAfaJf+eSf9/D/hR9ol/wCeSf8Afw/4UUUWAPtEv/PJP+/h/wAKPtEv/PJP+/h/wooosAfaJf8Ankn/AH8P+FH2iX/nkn/fw/4UUUWAPtEv/PJP+/h/wo+0S/8APJP+/h/wooosAfaJf+eSf9/D/hR9ol/55J/38P8AhRRRYA+0S/8APJP+/h/wo+0S/wDPJP8Av4f8KKKLAH2iX/nkn/fw/wCFH2iX/nkn/fw/4UUUWAPtEv8AzyT/AL+H/Cj7RL/zyT/v4f8ACiiiwB9ol/55J/38P+FH2iX/AJ5J/wB/D/hRRRYA+0S/88k/7+H/AAo+0S/88k/7+H/CiiiwB9ol/wCeSf8Afw/4UfaJf+eSf9/D/hRRRYA+0S/88k/7+H/Cj7RL/wA8k/7+H/CiiiwB9ol/55J/38P+FH2iX/nkn/fw/wCFFFFgD7RL/wA8k/7+H/Cj7RL/AM8k/wC/h/wooosAfaJf+eSf9/D/AIUfaJf+eSf9/D/hRRRYA+0S/wDPJP8Av4f8KPtEv/PJP+/h/wAKKKLAH2iX/nkn/fw/4UfaJf8Ankn/AH8P+FFFFgD7RL/zyT/v4f8ACj7RL/zyT/v4f8KKKLAH2iX/AJ5J/wB/D/hR9ol/55J/38P+FFFFgD7RL/zyT/v4f8KPtEv/ADyT/v4f8KKKLAH2iX/nkn/fw/4UfaJf+eSf9/D/AIUUUWAPtEv/ADyT/v4f8KPtEv8AzyT/AL+H/CiiiwB9ol/55J/38P8AhR9ol/55J/38P+FFFFgD7RL/AM8k/wC/h/wo+0S/88k/7+H/AAooosAfaJf+eSf9/D/hR9ol/wCeSf8Afw/4UUUWAPtEv/PJP+/h/wAKPtEv/PJP+/h/wooosAfaJf8Ankn/AH8P+FH2iX/nkn/fw/4UUUWAPtEv/PJP+/h/wo+0S/8APJP+/h/wooosAfaJf+eSf9/D/hR9ol/55J/38P8AhRRRYA+0S/8APJP+/h/wo+0S/wDPJP8Av4f8KKKLAH2iX/nkn/fw/wCFH2iX/nkn/fw/4UUUWAPtEv8AzyT/AL+H/Cj7RL/zyT/v4f8ACiiiwB9ol/55J/38P+FH2iX/AJ5J/wB/D/hRRRYA+0S/88k/7+H/AAo+0S/88k/7+H/CiiiwB9ol/wCeSf8Afw/4UfaJf+eSf9/D/hRRRYA+0S/88k/7+H/Cj7RL/wA8k/7+H/CiiiwB9ol/55J/38P+FH2iX/nkn/fw/wCFFFFgD7RL/wA8k/7+H/Cj7RL/AM8k/wC/h/wooosAfaJf+eSf9/D/AIUfaJf+eSf9/D/hRRRYBoDM7O+NzccdAKKKKAP/2Q==)

Inform\_payment\_type – 결제 수단 처리 intents

**4. Get\_dessert\_info**



inform\_ dessert– 디저트 주문 처리 intents

ask\_ dessert \_price – 디저트 가격 질문 intents

ask\_ dessert \_type – 디저트 종류 질문 intents

inform\_no\_ dessert – 디저트 주문 취소 intents

**5. Ask\_dessert**



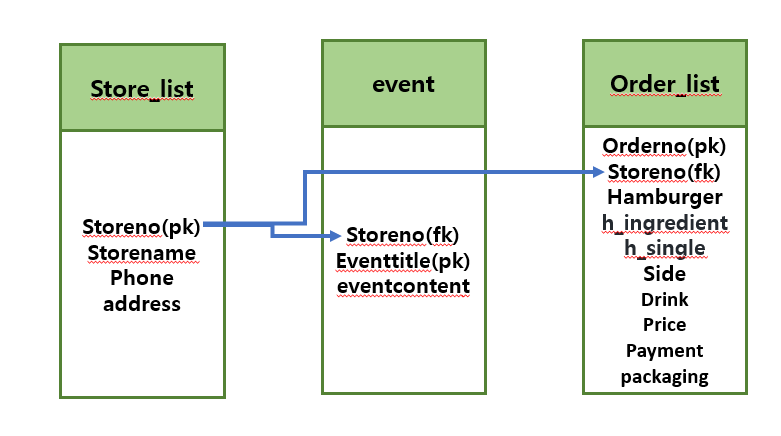
affirm – 예(YES) 표현 intents

negate – 아니오(NO) 표현 intents

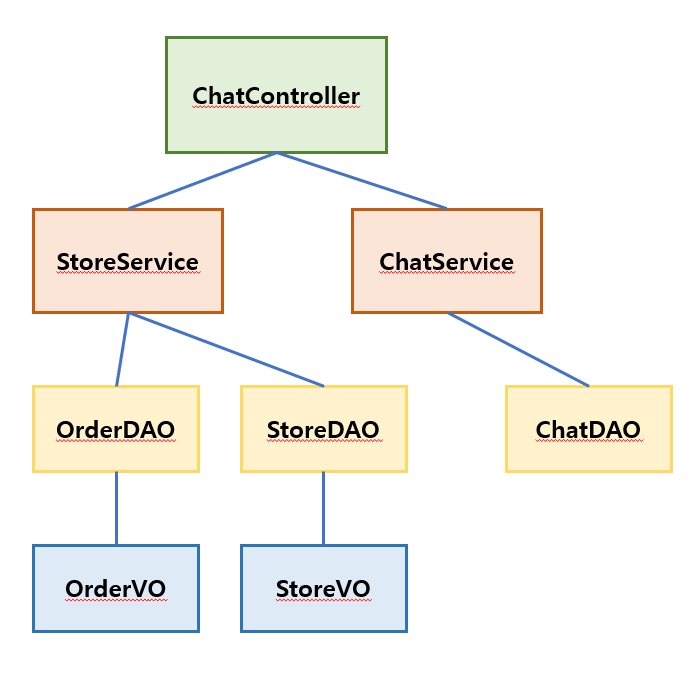
**6. Get\_sub\_info**



inform\_ sub – 얼음 및 당도 선택 처리 intents



**<그림 6> 데이터베이스 ERD**



**<그림 18 > Controller, Service, DAO, VO구조**

Store\_list table의 pk값인 storeno은 화면에서 사용자 id값을 선택하여 넘겨준다. 따라서 id값을 이용한 storename을 찾는 쿼리문을 storeMapper에 작성하였다.

텍스트이(가) 표시된 사진

자동 생성된 설명

**<그림 7> storeMapper 코드**

받아온 storeno값으로 store별 eventcontent도 출력할 수 있는 쿼리문을 eventMapper에 작성하였다.

텍스트이(가) 표시된 사진

자동 생성된 설명

**<그림 8> eventMapper 코드**

각 Mapper들은 데이터베이스에서 관리자가 정보 수정 시 반영하게 결과가 나타난다.

<그림 18>을 통해 백엔드에서 데이터베이스와 어떻게 연결되었는지 구조를 확인할수 있다.

다음은 리액트에 대한 프로그램 설명입니다.

도메인 별 채팅 페이지를 생성하고 경로를 추가합니다. 공차, 맥도날드 도메인이 연결되어 있습니다.

텍스트이(가) 표시된 사진

자동 생성된 설명

**<그림 9> React 코드**

React에서 selectStore 함수를 이용하여 사용자 입력 Num에 따라 도메인과 시작메세지를 다르게 출려하였다. <Select>와 <MenuItem>을 사용하여 클릭 시 리스트가 내려오고 원하는 매장을 고르고 버튼 클릭 시 onClick으로 selectStore에 값을 담아서 해당 매장의 페이지로 이동할 수 있다. 또한 jsx 파일 밖에 scss 파일을 따로 작성함으로써 스타일을 분리하여 보다 보기 쉽다.

텍스트이(가) 표시된 사진

자동 생성된 설명

**<그림 10> React selectStore 코드**

리액트 selectStore코드는 ChatController의 selectstore부분과 연결된다.

텍스트이(가) 표시된 사진

자동 생성된 설명

**<그림 19> chatController 코드**

다음은 처음 어플리케이션을 실행시켰을 때 나오는 화면이다. 크고 또렷한 한글로 메인 페이지를 작성하였고 페이지에는 잡다한 기능 없이 필요한 부분만 구현하였기에 노인 분들이 부담 없이 사용 가능한 편리성이 있다. 중앙에는 키오스크 상부 또는 하부에 적힌 코드를 입력할 수 있는 칸이 있고, 바로 옆에 버튼이 있다. 초반에는 한글 대신 "Order your Meal" 외래어를 사용하였지만 본 프로젝트의 목적에 맞게 외래어를 제외하여 사용자를 고려한 노인 친화적인 UI로 변경하였다.

텍스트이(가) 표시된 사진

자동 생성된 설명

**<그림 11> Fall in order main 페이지**

|  |  |  |
| --- | --- | --- |
| **API** | **사용처** | **기능 설명** |
| 대화처리  API | ETRI API | 대화처리 API를 이용하여 여러 매장(ex 맥도날드, 공차)에서 키오스크를 사용하기 어려운 사람들을 위해 대신 사용할 수 있는 주문 Chatbot을 만들었다. |
| STT(Speech-to-Text) API | Web Speech API | React 형식으로 된 Web Speech API를 사용하여 타자를 치기 어렵거나 힘든 사람들도 음성을 이용하여 Chatbot을 이용하여 주문을 처리할 수 있게 하였다. |
| TTS(Text-to-Speech) API | 카카오 API | TTS 기능을 사용하여 Chatbot 화면을 보기 어렵거나 힘든 사람들도 음성을 듣고 주문 처리를 쉽게 할 수 있도록 하였다. |

**<표 1> API설명**

대화처리는 응용 도메인의 대화지식을 이용하여 사용자의 입력을 분석하여 대화문맥에 적합한 응답을 제공하는 기술입니다.

STT(Speech-to-Text)는 사람이 말하는 음성 언어를 컴퓨터가 해석해 문자 데이터로 변환하는 API입니다.

TTS(Text-to-Speech)는 문자 데이터를 사람이 이해할 수 있는 음성 언어로 변환하는 API 입니다.

|  |  |  |
| --- | --- | --- |
| **기술** | **기능** | **설명** |
| Spring | 서비스 구현 | Spring MVC 구조를 이용하여 Chatbot에 대한 백엔드 처리를 진행하였다. |
| React | UI 구현 및 이벤트 처리 | mainPageContainer.jsx, mainPageStyle.scss  storeChat.jsx, storeChatStyle.scss  로 나누어 UI 구현 및 이벤트 처리, 백엔드와 연결을 진행하였다. |
| Database | DB 테이블 구성 및 연동 | MySQL를 이용하여 데이터를 구성하였고 MyBatis를 이용하여 spring 백엔드 연동을 진행하였다. |

**<표 2> 각 시스템 기능 설명**

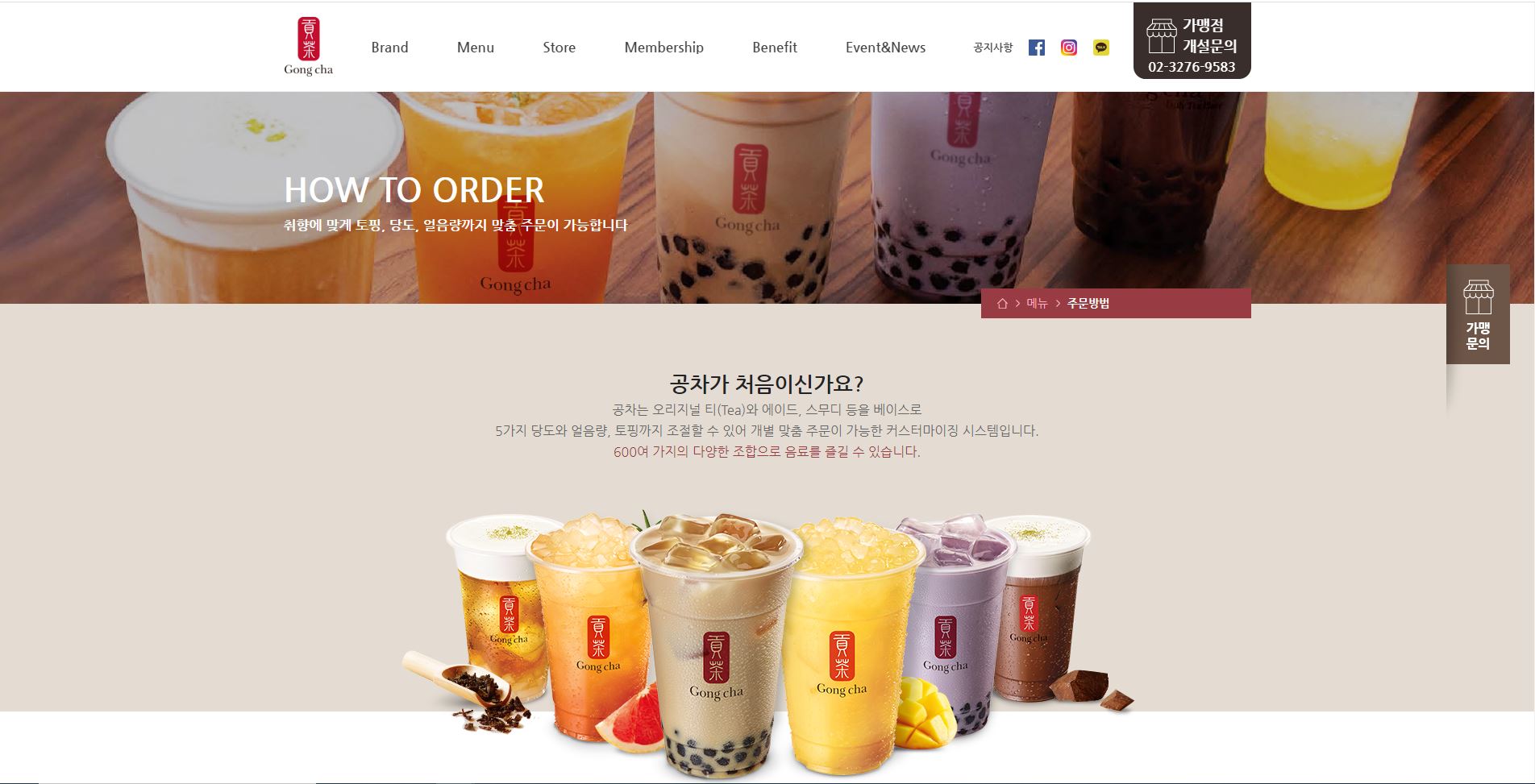
다음은 도메인을 위해 활용 데이터 확보 방법이다.

공차 도메인 데이터를 위해 공차 홈페이지에서 음료 데이터, 디저트 데이터를 가져와서 활용하였다.

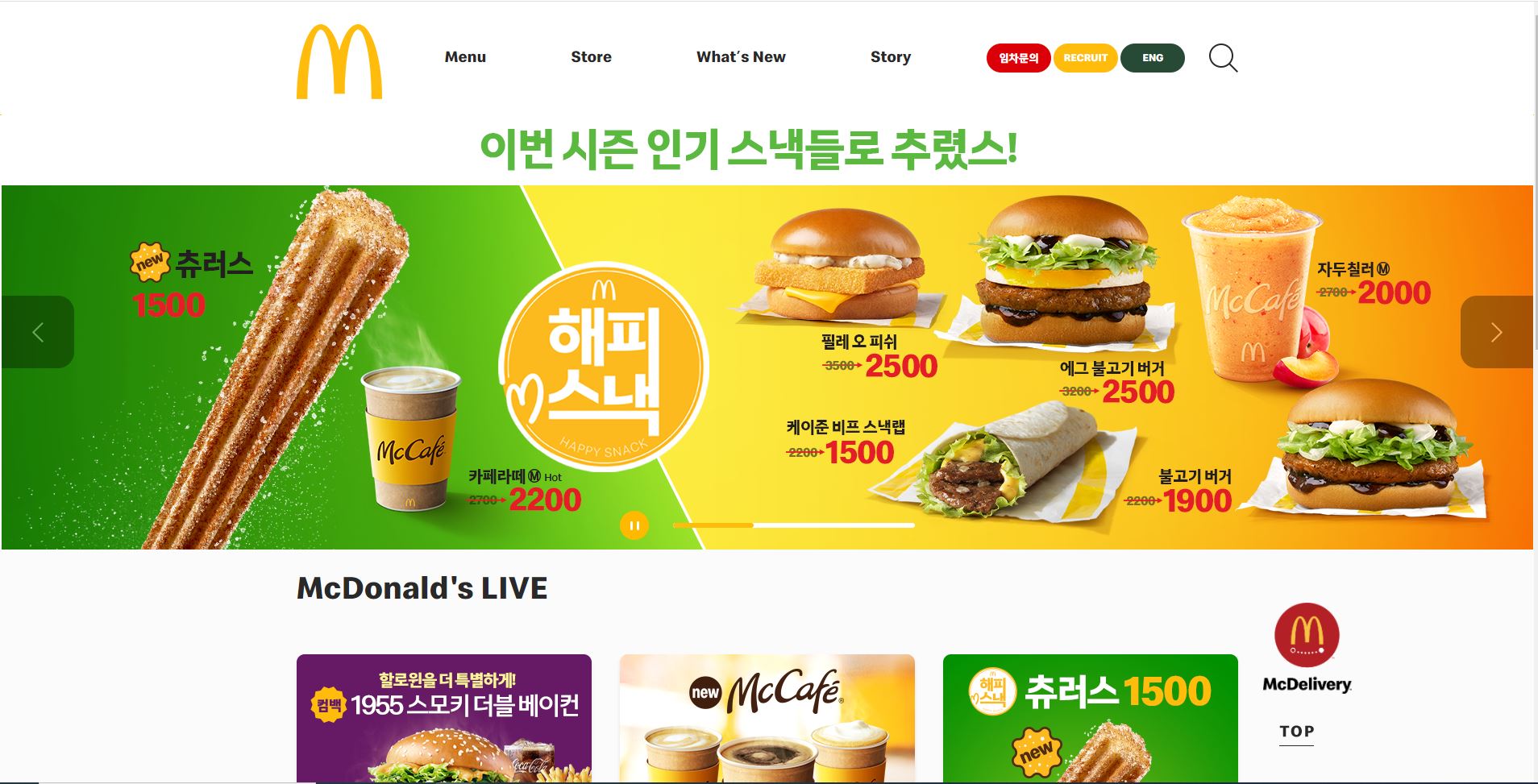
공차 홈페이지 - <http://www.gong-cha.co.kr/brand/menu/order.php>

맥도날드 도메인 데이터 확보를 위해 맥도날드 홈페이지에서 햄버거 데이터, 사이드 및 디저트 데이터, 음료 데이터를 가져와서 활용하였다.

맥도날드 홈페이지 - <https://www.mcdonalds.co.kr/kor/main.do>



**<그림 12> 공차 공식홈페이지 이미지**



**<그림 13> 맥도날드 공식홈페이지 이미지**

다음은 Fall in order 시스템 사용 데모입니다.

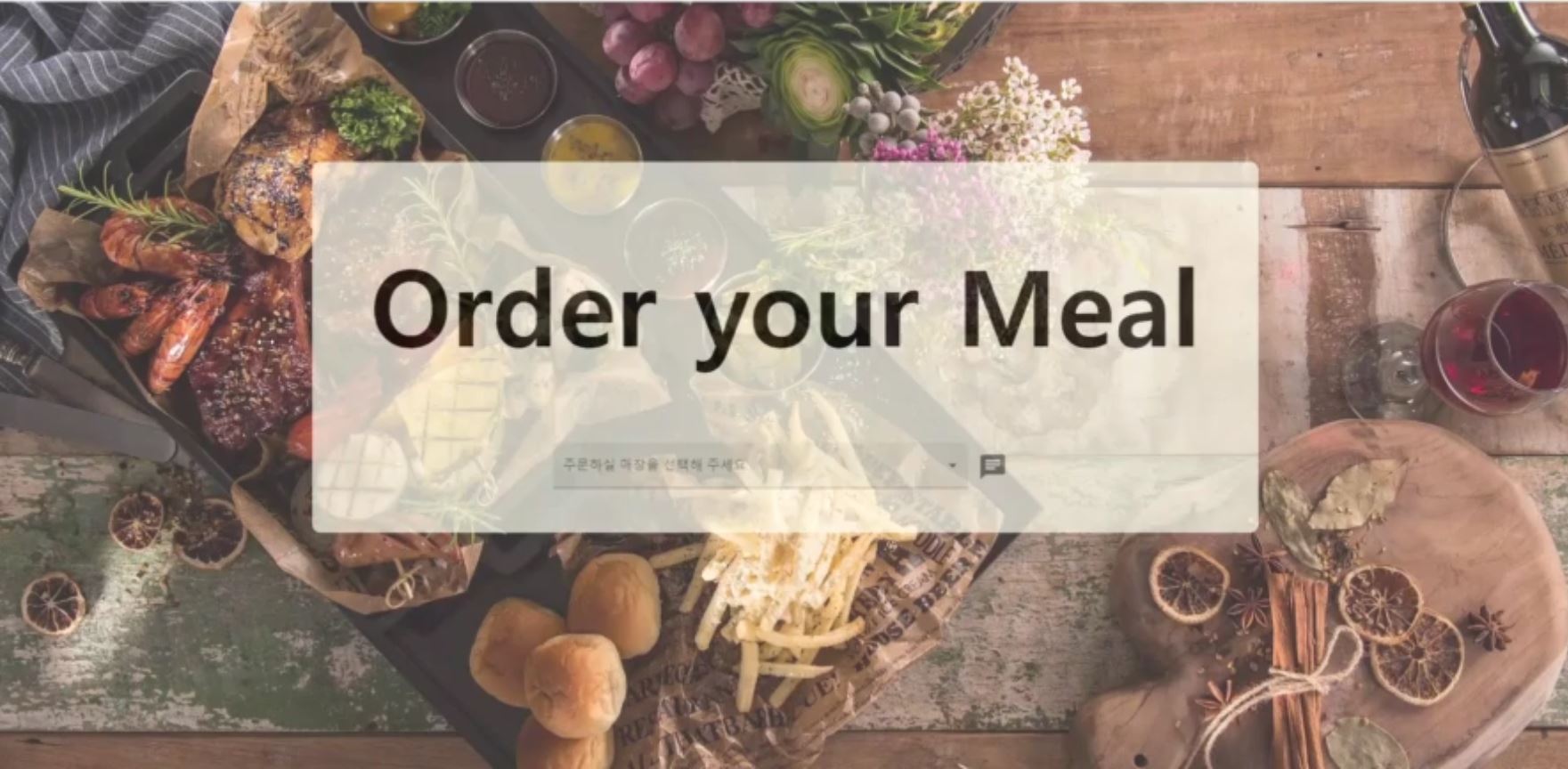
<그림 14>은 사용자가 fall in order에 접속시 볼 수 있는 메인 화면입니다.

이후 <그림 15>와 같이 첫 메인 화면에서 사용자가 현재 있는 매장을 선택합니다.

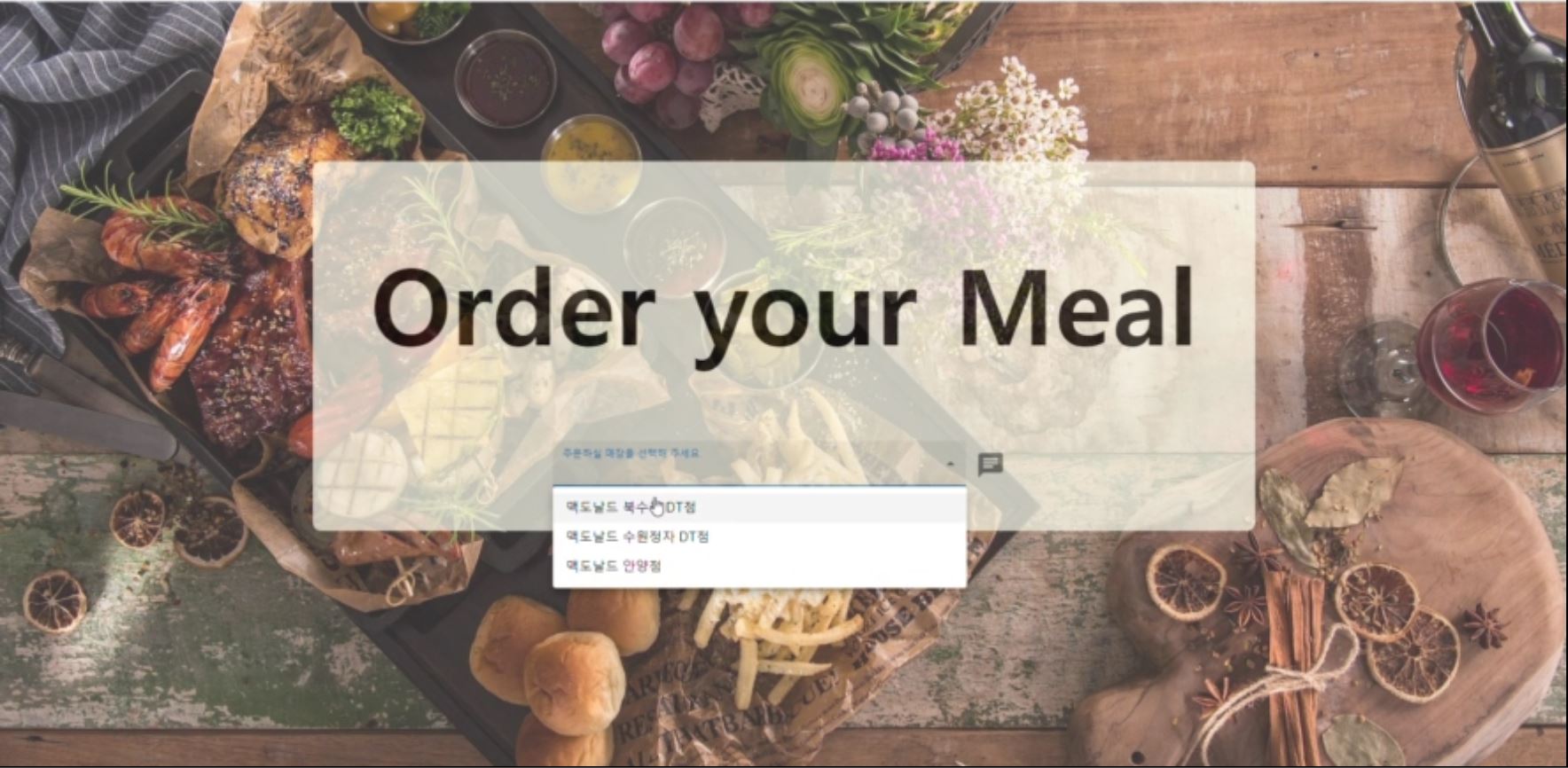
<그림 16>을 보면 첫 메시지가 처음 등장합니다. 이는 사용자가 선택한 매장별로 메시지가 다르며 각 매장별 이벤트도 확인가능합니다.

<그림 17>과 같이 대화처리 API을 이용하여 매장 주문 처리를 진행합니다.

일반 텍스트로 주문 처리를 진행하거나 STT(Speech-to-Text) API, TTS(Text-to-Speech) API를 이용하여 사용자가 음성으로 주문을 진행하고, Chatbot이 텍스트를 음성으로 읽어오며 주문 처리를 진행합니다.



**<그림 14> 메인페이지**



**<그림 15> 매장 선택**



**<그림 16> 첫 메시지**



**<그림 17> 챗봇 기능**

* 1. 결론 및 프로그램 기대, 개선사항

우리가 제안하는 fall in order은 디지털소외 계층을 주사용자로 고려하였다. 따라서 근본적인 디지털 소외 계층의 키오스크 문제를 해결할 수 있을 것으로 판단하였다. 키오스크 사용보다 편리한 Fall in order 시스템을 통해 디지털의 친밀성을 높일 수 있다. 더불어 tts, stt API을 활용하여 디지털 소외계층 뿐만 아니라 일반 사용자, 장애인 분들까지 활용할 수 있다.

또한 sst, tts API를 삽입하여 말로 주문가능함을 이용해 비대면임에도 불구하고 빠르고 간결하게 주문가능하다. 이후 베스트메뉴, 이벤트 등을 사용자가 질문하면 챗봇에서 응답이 올수 있게 구현하여 질문도 처리가능할 것이다.

* 1. 프로젝트 진행 과정

|  |  |  |
| --- | --- | --- |
| **구 분** | **성명** | **담당역할** |
| **팀장** | 김현수 | 전체적 구조 설계 및 방향 논의, 오류 및 개발 도구 검토, 도메인 설계 및 구현, API 백엔드 구현 |
| **팀원** | 김시연 | 서비스 부분 단위 및 기능 설계 및 구현,  Mybatis, DB 백엔드 설계 후 연동 |
| **팀원** | 오한얼 | UI 부분 단위 및 기능 설계 및 구현, 백 엔드와 프론트 엔드 연동 테스트, git 관리 |

**<표 3 >프로젝트 담당 역할**

개발환경은 다음과 같다.

프로젝트 개발 툴: Eclipse, Visual Studio Code, Git

OS: Windows 10

WAS: Apache Tomcat 8.5.71

협업 툴 및 형상 관리: GitHub, 카카오톡

Language: Java, JSON, Java Script

DB: MySQL

프레임워크: Springframework, MyBatis, React

API: 대화처리 API, STT API, TTS API

프로젝트 진행 시 팀원들과의 프로젝트 공유는 아래와 같이 진행하였다.

1. GitHub에서 Organizations를 만들어서 팀원들과 협업을 진행하였다.

2. Repositories를 만들어서 개발 환경과 개발 코드를 공유하였다.

3. Push, merge, Pull requests를 이용하여 코드리뷰 및 개발을 진행하였다.

GitHub 주소 : <https://github.com/Order-in-chatbot/Chatbot.git>

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **프로젝트 기간** | | **2021.08.25. ~ 2021.10.18.** | | | | | | | |
|  | | | | | | | | | |
| **구분** | **추진내용** | **구분** | **프로젝트 기간** | | | | | | |
| **8월**  **중** | **8월**  **말** | **9월**  **초** | **9월**  **중** | **9월**  **말** | **10월**  **초** | **10월**  **중** |
| 계획 | 프로젝트 구체적 방향 설정 및 주제 관련 조사 | 계획 |  |  |  |  |  |  |  |
| 진행 |  |  |  |  |  |  |  |
| 분석 | Chatbot에 대한 구조이해와  개발 환경 분석 | 계획 |  |  |  |  |  |  |  |
| 진행 |  |  |  |  |  |  |  |
| 설계 | 시스템 구조도 작성 및 통합 설계 | 계획 |  |  |  |  |  |  |  |
| 진행 |  |  |  |  |  |  |  |
| 도메인 설계 | 계획 |  |  |  |  |  |  |  |
| 진행 |  |  |  |  |  |  |  |
| 개발 | 서버 구현 | 계획 |  |  |  |  |  |  |  |
| 진행 |  |  |  |  |  |  |  |
| DB 구현 및 SQL 작성 | 계획 |  |  |  |  |  |  |  |
| 진행 |  |  |  |  |  |  |  |
| UI 구현 | 계획 |  |  |  |  |  |  |  |
| 진행 |  |  |  |  |  |  |  |
| 테스트 | 단위 테스트 및 통합 테스트 | 계획 |  |  |  |  |  |  |  |
| 진행 |  |  |  |  |  |  |  |
| 종료 | 프로젝트 완료 및 최종 보고서 작성 | 계획 |  |  |  |  |  |  |  |
| 진행 |  |  |  |  |  |  |  |

**<표 4 >프로그램 설계 계획**