```json
{
  "name": "Appointment Booking Voice Agent",
  "nodes": [
    {
      "parameters": {
        "httpMethod": "POST",
        "path": "308f0eec-8459-4e6c-bf25-5cd9b2c31ad6",
        "responseMode": "responseNode",
        "options": {}
      },
      "type": "n8n-nodes-base.webhook",
      "typeVersion": 2,
      "position": [
        -1408,
        96
      ],
      "id": "6adc4f2f-867e-49dd-9179-cf55f0a3f56d",
      "name": "Webhook",
      "webhookId": "308f0eec-8459-4e6c-bf25-5cd9b2c31ad6",
      "disabled": true
    },
    {
      "parameters": {
        "rules": {
          "values": [
            {
              "conditions": {
                "options": {
                  "caseSensitive": true,
                  "leftValue": "",
                  "typeValidation": "strict",
                  "version": 2
                },
                "conditions": [
                  {
                    "leftValue": "={{ $('Webhook').item.json.body.message.toolCalls[0].function.name }}",
                    "rightValue": "check-availability",
                    "operator": {
                      "type": "string",
                      "operation": "equals"
                    },
                    "id": "813e4843-4769-4ed8-89d4-4a3969913d51"
                  }
```

```
        ],
         "combinator": "and"
       },
       "renameOutput": true,
       "outputKey": "Check Availability"
      },
      {
       "conditions": {
        "options": {
         "caseSensitive": true,
         "leftValue": "",
         "typeValidation": "strict",
         "version": 2
        },
        "conditions": [
         {
          "id": "ecb56d1d-336f-4504-b69b-ad635d1a6b24",
          "leftValue": "={{
$('Webhook').item.json.body.message.toolWithToolCallList[0].function.name }}",
          "rightValue": "book-appointment",
          "operator": {
           "type": "string",
           "operation": "equals",
           "name": "filter.operator.equals"
          }
         }
        ],
        "combinator": "and"
       },
       "renameOutput": true,
       "outputKey": "Book Appointment"
      }
     ]
    },
    "options": {}
   },
   "type": "n8n-nodes-base.switch",
   "typeVersion": 3.2,
   "position": [
    -592,
    96
   ],
   "id": "322ff7ac-9c2c-49e9-a429-ab91d9b9f2bb",
   "name": "Switch"
```

```
    },
    {
      "parameters": {
        "assignments": {
          "assignments": [
            {
              "id": "d9554d41-2307-4f97-967b-ca8b72c181bb",
              "name": "username",
              "value": "nabin-bhandari11",
              "type": "string"
            },
            {
              "id": "c6a7eb17-72bc-419a-a96b-232c3b00b3b8",
              "name": "eventTypeSlug",
              "value": "30 min",
              "type": "string"
            },
            {
              "id": "d1af9905-60e7-4f64-a235-867222d088c7",
              "name": "eventTypeId",
              "value": "2964463",
              "type": "string"
            }
          ]
        },
        "options": {}
      },
      "type": "n8n-nodes-base.set",
      "typeVersion": 3.4,
      "position": [
        -1184,
        96
      ],
      "id": "ee168a09-1bb7-4080-b96e-8b20fc24b86c",
      "name": "Set Variables"
    },
    {
      "parameters": {
        "url": "https://api.cal.com/v2/slots",
        "authentication": "genericCredentialType",
        "genericAuthType": "httpHeaderAuth",
        "sendQuery": true,
        "queryParameters": {
          "parameters": [
```

```
      {
        "name": "start",
        "value": "={{ $json[' start'] }}"
      },
      {
        "name": "end",
        "value": "={{ $json[' end'] }}"
      },
      {
        "name": "eventTypeId",
        "value": "={{ $('Set Variables').item.json.eventTypeId }}"
      }
    ]
  },
  "sendHeaders": true,
  "headerParameters": {
    "parameters": [
      {
        "name": "cal-api-version",
        "value": "2024-09-04"
      }
    ]
  },
  "options": {}
},
"type": "n8n-nodes-base.httpRequest",
"typeVersion": 4.2,
"position": [
  0,
  -16
],
"id": "bfbdc15f-2718-410c-8a48-90c861c5836f",
"name": "Check Availability",
"credentials": {
  "httpHeaderAuth": {
    "id": "9eUYG3fajx2PVQgB",
    "name": "Header Auth account"
  }
}
},
{
  "parameters": {
    "method": "POST",
    "url": "https://api.cal.com/v2/bookings",
```

```
    "authentication": "genericCredentialType",
    "genericAuthType": "httpHeaderAuth",
    "sendHeaders": true,
    "headerParameters": {
     "parameters": [
      {
        "name": "cal-api-version",
        "value": "2024-08-13"
      }
     ]
    },
    "sendBody": true,
    "specifyBody": "json",
    "jsonBody": "={\n  \"attendee\": {\n    \"language\": \"en\",\n    \"name\": \"{{
$json.body.message.toolCalls[0].function.arguments.Name }}\",\n    \"timeZone\": \"{{
$json.body.message.toolCalls[0].function.arguments.callerTimeZone }}\",\n    \"email\": \"{{
$json.body.message.toolCalls[0].function.arguments.Email }}\"\n  },\n  \"start\": \"{{
$json.body.message.toolCallList[0].function.arguments.requestedappointmentdate }}\",\n
\"eventTypeId\": {{ $('Set Variables').item.json.eventTypeId }}\n}",
    "options": {}
   },
   "type": "n8n-nodes-base.httpRequest",
   "typeVersion": 4.2,
   "position": [
    -112,
    240
   ],
   "id": "0b1e3986-7b05-4ca4-aa10-976a7b0ba64c",
   "name": "Book Appointment",
   "credentials": {
    "httpHeaderAuth": {
     "id": "9eUYG3fajx2PVQgB",
     "name": "Header Auth account"
    }
   }
  },
  {
   "parameters": {
    "respondWith": "json",
    "responseBody": "={\n  \"results\": [\n    {\n      \"toolCallId\": \"{{
$('Webhook').item.json.body.message.toolCallList[0].id }}\",\n      \"result\": \"Booking
Successful\"\n    }\n  ]\n}\n",
    "options": {}
   },
```

      "type": "n8n-nodes-base.respondToWebhook",
      "typeVersion": 1.4,
      "position": [
       160,
       240
      ],
      "id": "8728b814-432a-498f-8077-2f2f806143d7",
      "name": "Booking SuccessFul"
    },
    {
      "parameters": {
       "respondWith": "json",
       "responseBody": "={\n \"results\": [\n   {\n   \"toolCallId\": \"{{
$('Webhook').item.json.body.message.toolCallList[0].id }}\",\n   \"result\": \"{{ $json.data }}\"\n
}\n]\n}\n",
       "options": {}
      },
      "type": "n8n-nodes-base.respondToWebhook",
      "typeVersion": 1.4,
      "position": [
       224,
       -16
      ],
      "id": "7dced770-52a8-4f81-a0c8-83b1454fa475",
      "name": "Check Availability successful"
    },
    {
      "parameters": {
       "assignments": {
        "assignments": [
          {
           "id": "9a6f391b-9dc9-4642-accf-be687dceb56e",
           "name": "body",
           "value": "={{ $('Webhook').item.json.body }}",
           "type": "object"
          }
        ]
       },
       "options": {}
      },
      "type": "n8n-nodes-base.set",
      "typeVersion": 3.4,
      "position": [
       -928,

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      96
    ],
    "id": "d131814d-35ef-459b-8ba9-99ffe67539dd",
    "name": "Prepare Payload Fields"
  },
  {
   "parameters": {
    "assignments": {
     "assignments": [
       {
         "id": "872ef0bf-8111-44e5-8c8d-fbaa0c982519",
         "name": " start",
         "value": "={{
$('Webhook').item.json.body.message.toolCalls[0].function.arguments.requestedappointment
}}",
         "type": "string"
       },
       {
         "id": "57e9ef02-8748-4ab9-9dc3-39ee2f8c08d5",
         "name": " end",
         "value": "={{
$('Webhook').item.json.body.message.toolCalls[0].function.arguments.requestedappointment.to
DateTime().plus(1, 'days') }}",
         "type": "string"
       }
     ]
    },
    "options": {}
   },
   "type": "n8n-nodes-base.set",
   "typeVersion": 3.4,
   "position": [
    -224,
    -16
   ],
   "id": "30b16423-9253-4fa8-b20c-3ffd86ae1c95",
   "name": "Extract Start & End Time"
  },
  {
   "parameters": {
    "content": "Entry point from VAPI. This webhook receives user intent and entities from the
voice agent in a structured format (e.g. action = \"book\" or \"check\").",
    "height": 336
   },
```

```
      "type": "n8n-nodes-base.stickyNote",
      "typeVersion": 1,
      "position": [
        -1488,
        -32
      ],
      "id": "14dc0f51-6ac4-4058-8618-f8d7915bfc5d",
      "name": "Sticky Note"
    },
    {
      "parameters": {
        "content": "Extracts variables like eventtypeid, eventtypeslug and username.",
        "height": 320,
        "color": 4
      },
      "type": "n8n-nodes-base.stickyNote",
      "typeVersion": 1,
      "position": [
        -1232,
        -16
      ],
      "id": "917a9fd1-a235-44c9-b810-c1efbae640a7",
      "name": "Sticky Note1"
    },
    {
      "parameters": {
        "content": "Extracts the body from the webhook",
        "height": 320,
        "color": 2
      },
      "type": "n8n-nodes-base.stickyNote",
      "typeVersion": 1,
      "position": [
        -960,
        -16
      ],
      "id": "8a4ef30e-6572-4746-942e-5ceaf95a91e7",
      "name": "Sticky Note2"
    },
    {
      "parameters": {
        "content": "Routes the voice intent:\n\nIf the user said \"Check availability\", go to the check flow.\n\nIf the user said \"Book appointment\", go to the booking flow.",
        "height": 416,
```

```json
      "color": 5
    },
    "type": "n8n-nodes-base.stickyNote",
    "typeVersion": 1,
    "position": [
      -672,
      -112
    ],
    "id": "e0f0ebd4-4a21-4d54-8cb8-fd076f1a082e",
    "name": "Sticky Note3"
  },
  {
    "parameters": {
      "content": "Parses and formats spoken date/time info from the voice assistant to match
Cal.com API's time range requirements.",
      "height": 304
    },
    "type": "n8n-nodes-base.stickyNote",
    "typeVersion": 1,
    "position": [
      -304,
      -160
    ],
    "id": "93c9caf4-e617-4d3e-9cb5-3a6973a84d60",
    "name": "Sticky Note4"
  },
  {
    "parameters": {
      "content": "Sends a GET request to Cal.com to fetch available time slots for the specified
date range from the voice input.",
      "height": 304,
      "color": 7
    },
    "type": "n8n-nodes-base.stickyNote",
    "typeVersion": 1,
    "position": [
      -64,
      -160
    ],
    "id": "35d3230c-09ad-4176-9bef-24b4825dfa47",
    "name": "Sticky Note5"
  },
  {
    "parameters": {
```

      "content": "Returns a voice-ready response to VAPI (e.g. \"There's availability at 3 PM and 4 PM. Would you like to book?\").",
      "height": 320,
      "color": 3
    },
    "type": "n8n-nodes-base.stickyNote",
    "typeVersion": 1,
    "position": [
      192,
      -160
    ],
    "id": "d212d1a3-3471-4557-a96a-50dd311089ba",
    "name": "Sticky Note6"
  },
  {
    "parameters": {
      "content": "Sends a POST request to Cal.com to book the appointment using parsed info from the voice conversation.",
      "height": 272,
      "color": 4
    },
    "type": "n8n-nodes-base.stickyNote",
    "typeVersion": 1,
    "position": [
      -176,
      144
    ],
    "id": "59935070-d52a-4120-bd60-0f694eb538fe",
    "name": "Sticky Note7"
  },
  {
    "parameters": {
      "content": "Returns a spoken confirmation via VAPI (e.g. \"Your appointment is confirmed for 3 PM on Tuesday\")",
      "height": 240,
      "width": 272,
      "color": 6
    },
    "type": "n8n-nodes-base.stickyNote",
    "typeVersion": 1,
    "position": [
      80,
      160
    ],
    ],

```json
      "id": "a4182a3e-4501-405c-9088-95a1b9dd8d81",
      "name": "Sticky Note8"
    }
  ],
  "pinData": {},
  "connections": {
    "Webhook": {
      "main": [
        [
          {
            "node": "Set Variables",
            "type": "main",
            "index": 0
          }
        ]
      ]
    },
    "Switch": {
      "main": [
        [
          {
            "node": "Extract Start & End Time",
            "type": "main",
            "index": 0
          }
        ],
        [
          {
            "node": "Book Appointment",
            "type": "main",
            "index": 0
          }
        ]
      ]
    },
    "Set Variables": {
      "main": [
        [
          {
            "node": "Prepare Payload Fields",
            "type": "main",
            "index": 0
          }
        ]
```

```
    ]
  },
  "Check Availability": {
    "main": [
      [
        {
          "node": "Check Availability successful",
          "type": "main",
          "index": 0
        }
      ]
    ]
  },
  "Book Appointment": {
    "main": [
      [
        {
          "node": "Booking SuccessFul",
          "type": "main",
          "index": 0
        }
      ]
    ]
  },
  "Prepare Payload Fields": {
    "main": [
      [
        {
          "node": "Switch",
          "type": "main",
          "index": 0
        }
      ]
    ]
  },
  "Extract Start & End Time": {
    "main": [
      [
        {
          "node": "Check Availability",
          "type": "main",
          "index": 0
        }
      ]
```

```json
      ]
    }
  },
  "active": false,
  "settings": {
    "executionOrder": "v1"
  },
  "versionId": "e483040f-c8c3-4cab-ae02-7008cf6a993c",
  "meta": {
    "templateCredsSetupCompleted": true,
    "instanceId": "41a93cc6f329d5755684ac69c9a86d5c75d7dc780eea0b60d82055e6149e455f"
  },
  "id": "uPrkBTcWYNleMzSM",
  "tags": []
}
```