🩺 Medical NLP Web App

Enter Medical Transcript

Paste the physician-patient conversation below:

> Patient: Thank you, doctor.
>
> Doctor: You're very welcome. Take care!

Process Transcript

📌 Extracted Medical Information

```
{
    "Symptoms" : []
    "Treatments" : []
    "Diagnosis" : []
    "Prognosis" : []
}
```

📊 Sentiment & Intent Analysis

```
{
    "Sentiment" : "Reassured"
    "Intent" : "General statement"
}
```

📝 Generated SOAP Note

```
{
    "Subjective" : {
        "Chief_Complaint" : []
```

```
"History_of_Present_Illness" :
```

```
"History_of_Present_Illness" :
```

"Patient: I was in a car accident last September. I had neck and back pain, especially in the first four weeks. It was really bad, and I had trouble sleeping.

Doctor: Did you receive any medical treatment?

Patient: Yes, I went to Moss Bank Accident and Emergency. They diagnosed me with whiplash but didn't do any X-rays. They gave me some advice and sent me home.

Doctor: How did your condition progress after that?

Patient: I had to take painkillers regularly at first. Later, I went through ten physiotherapy sessions, which helped with the stiffness and discomfort.

Doctor: Are you still experiencing pain now?

Patient: It's not constant anymore, just occasional backaches, but nothing severe.

Doctor: Have you had any emotional or mental effects, like anxiety while driving?

Patient: No, I don't feel nervous driving, and I haven't had any emotional issues from the accident.

Doctor: Has this affected your daily life or work?

Patient: I took a week off work, but after that, I returned to my usual routine. It hasn't really stopped me from doing anything.

Doctor: That's encouraging. Let's do a physical examination.

[**Physical Examination Conducted**]

Doctor: Everything looks good. Your neck and back have a full range of motion, and there are no signs of lasting damage.

Patient: That's a relief!

Doctor: Yes, your recovery is going well. You should fully recover within six months with no long-term effects.

```
        Patient: That's great to hear. So, I don't need to worry about future
        problems?

        Doctor: That's right. If anything changes or you experience worsening
        symptoms, come back for a follow-up.

        Patient: Thank you, doctor.

        Doctor: You're very welcome. Take care!  "
    }
  ▼ "Objective" : {
        "Physical_Exam" : "Pending Examination"
        "Observations" : "Patient appears in normal health"
    }
  ▼ "Assessment" : {
      ▶ "Diagnosis" : []
        "Severity" : "Mild"
    }
  ▼ "Plan" : {
      ▶ "Treatment" : []
        "Follow-Up" : "Return if symptoms worsen."
    }
}
```