API Contracts - Multi-Agent Conversational AI

1. Input Formats

POST /chat/

```
{
  "user_id": "string",
  "message": "string",
  "session_id": "string (optional)"
}
```

POST /crm/create_user

```
{
  "name": "string",
  "email": "string",
  "company": "string",
  "phone": "string",
  "role": "string",
  "preferences": ["string"]
}
```

2. Response Schema

POST /chat/ -> Response:

```
{
  "response": "string",
  "tags": ["string"],
  "session_id": "string",
  "conversation_id": "string",
  "response_time_ms": 1234,
  "context_used": true
}
```

POST /upload_docs/ -> Response:

```
{
  "status": "success",
  "filename": "document.pdf",
  "content_type": "application/pdf",
  "size": 12345,
  "result": {
    "doc_id": "uuid",
    "chunks_created": 5,
    "failed_chunks": 0,
    "total_chunks": 5,
    "content_preview": "..."
  }
}
```

3. Sample API Calls & Usage Notes

1. Create User:

```
curl -X POST "http://localhost:8000/crm/create_user" -H "Content-Type: application/json" -d '{ "name": "Alice", "email": "alice@example.com" }'
```

2. Start Chat:

```
curl -X POST "http://localhost:8000/chat/" -H "Content-Type: application/json" -d '{ "user_id": "123", "message": "Hello" }'
```

3. Upload Document:

```
curl -X POST "http://localhost:8000/upload_docs/" -F "file=@sample.pdf"
```