

Client 1 Round 1:

```
Test Accuracy (Himachal Set): 87.05%

Classification Report after updating global model:
              precision    recall  f1-score   support

    drowsy         0.87      0.88      0.88       1507
   notdrowsy       0.87      0.85      0.86       1312

   accuracy                0.87       2819
  macro avg         0.87      0.87      0.87       2819
 weighted avg         0.87      0.87      0.87       2819
```

Client 1 Round 2:

```
Test Accuracy (Himachal Set): 89.04%

Classification Report after updating global model:
              precision    recall  f1-score   support

    drowsy         0.90      0.90      0.90       1507
   notdrowsy       0.88      0.88      0.88       1312

   accuracy                0.89       2819
  macro avg         0.89      0.89      0.89       2819
 weighted avg         0.89      0.89      0.89       2819
```

Client 1 Round 3:

```
Test Accuracy (Himachal Set): 88.83%

Classification Report after updating global model:
              precision    recall  f1-score   support

    drowsy         0.90      0.89      0.89       1507
   notdrowsy       0.88      0.89      0.88       1312

   accuracy                0.89       2819
  macro avg         0.89      0.89      0.89       2819
 weighted avg         0.89      0.89      0.89       2819
```

Client 1 Round 4:

```
Test Accuracy (Himachal Set): 88.58%

Classification Report after updating global model:
              precision    recall  f1-score   support

    drowsy           0.93      0.85      0.89       1507
   notdrowsy        0.85      0.92      0.88       1312

 accuracy                   0.89       2819
  macro avg           0.89      0.89      0.89       2819
  weighted avg        0.89      0.89      0.89       2819
```

Client 1 Round 5:

```
Test Accuracy (Himachal Set): 88.54%

Classification Report after updating global model:
              precision    recall  f1-score   support

    drowsy           0.87      0.93      0.90       1507
   notdrowsy        0.91      0.84      0.87       1312

 accuracy                   0.89       2819
  macro avg           0.89      0.88      0.88       2819
  weighted avg        0.89      0.89      0.88       2819
```

Client 2 Round 1:

```
Test Accuracy (Himachal Set): 86.91%

Classification Report after updating global model:
              precision    recall  f1-score   support

    drowsy           0.95      0.80      0.87       1507
   notdrowsy        0.81      0.95      0.87       1312

 accuracy              0.87       2819
  macro avg           0.88      0.87      0.87       2819
 weighted avg           0.88      0.87      0.87       2819
```

Client 2 Round 2:

```
Test Accuracy (Himachal Set): 88.33%

Classification Report after updating global model:
              precision    recall  f1-score   support

    drowsy           0.89      0.90      0.89       1507
   notdrowsy        0.88      0.87      0.87       1312

 accuracy              0.88       2819
  macro avg           0.88      0.88      0.88       2819
 weighted avg           0.88      0.88      0.88       2819
```

Client 2 Round 3:

```
Test Accuracy (Himachal Set): 88.97%

Classification Report after updating global model:
              precision    recall  f1-score   support

    drowsy           0.89      0.90      0.90       1507
   notdrowsy        0.88      0.88      0.88       1312

 accuracy              0.89       2819
  macro avg           0.89      0.89      0.89       2819
 weighted avg           0.89      0.89      0.89       2819
```

Client 2 Round 4:

```
Test Accuracy (Himachal Set): 87.34%

Classification Report after updating global model:
              precision    recall  f1-score   support

    drowsy      0.94      0.82      0.87     1507
   notdrowsy    0.82      0.94      0.87     1312

   accuracy              0.87     2819
  macro avg      0.88      0.88      0.87     2819
 weighted avg    0.88      0.87      0.87     2819
```

Client 2 Round 5:

```
Test Accuracy (Himachal Set): 86.48%

Classification Report after updating global model:
              precision    recall  f1-score   support

    drowsy      0.93      0.80      0.86     1507
   notdrowsy    0.81      0.93      0.87     1312

   accuracy              0.86     2819
  macro avg      0.87      0.87      0.86     2819
 weighted avg    0.87      0.86      0.86     2819
```