API DOCUMENTATION PENGEMBANGAN APLIKASI BERBASIS MOBILE EDUASSES: APLIKASI PENILAIAN KINERJA GURU

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1. POST '/api/login'

- Deskripsi : autentikasi guru agar dapat mengakses aplikasi
- Request Parameter:
 - 1. nip (required): Guru nip.
 - 2. password (required): Guru password.
- Response
 - > Success:

```
{
    "token": "login",
    "role": "kepala_sekolah",
    "message": "Login successful"
}

{
    "token": "login",
    "role": "guru",
    "message": "Login successful"
}
```

> Error:

```
"message": "Wrong Password"
```

• Contoh Penggunaan:

```
final response = await http.post(
   Uri.parse('http://127.0.0.1:8000/api/login'),
   body: {
      'nip': nip,
      'password': password,
    },
);
```

2. GET '/api/guru'

- Deskripsi : mengambil seluruh data guru dari database
- Request Parameter : -
- Response:
 - > Success:

```
"message": "Success",
"data": [
   Ę
        "id": 1,
        "nip": "1234567",
        "nama": "Kepala Sekolah",
       "pangkat": "IV/a",
       "golongan": "IV",
        "email": "kepsek@gmail.com",
        "password": "kepsek123",
       "created_at": "2024-06-09T22:13:36.000000Z",
       "updated_at": "2024-06-09T22:13:36.000000Z"
   3.
       "id": 2,
       "nip": "221511004",
        "nama": "Aulia Aziiah Fauziyyah",
        "pangkat": "III/a",
       "golongan": "III",
       "email": "aulia@gmail.com",
        "password": "aulia123",
        "created_at": "2024-06-09T22:13:36.000000Z",
        "updated_at": "2024-06-09T22:13:36.000000Z"
```

http://127.0.0.1:8000/api/guru

- 3. GET '/guru/id'
 - Deskripsi : mengambil data guru berdasarkan id tertentu dari database
 - Request Parameter :
 - 1. id (integer, required): Guru id.
 - Response :
 - > Success:

```
{
    "message": "Data berhasil ditemukan",
    "data": {
        "id": 1,
        "nip": "1234567",
        "nama": "Kepala Sekolah",
        "pangkat": "IV/a",
        "golongan": "IV",
        "email": "kepsek@gmail.com",
        "password": "kepsek123",
        "created_at": "2024-06-09T22:13:36.0000002",
        "updated_at": "2024-06-09T22:13:36.0000002"
}
```

> Error:

```
message": "Guru not found"
}
```

```
var response = await http
    .get(Uri.parse('http://127.0.0.1:8000/api/guru/${widget.id}'));
```

4. **GET '/guru/read/{nip}'**

- Deskripsi : mengambil data guru berdasarkan nip tertentu dari database
- Request Parameter:
 - 1. nip (string, required): Guru nip
- Response:
 - > Success:

```
{
    "message": "Data berhasil ditemukan",
    "data": {
        "id": 2,
        "nip": "221511004",
        "nama": "Aulia Aziiah Fauziyyah",
        "pangkat": "III/a",
        "golongan": "III",
        "email": "aulia@gmail.com",
        "password": "aulia123",
        "created_at": "2024-06-09T22:13:36.000000Z",
        "updated_at": "2024-06-09T22:13:36.000000Z"
}
```

> Error:

```
{
    "message": "Guru not found"
}
```

• Contoh Penggunaan:

```
final response =
    await http.get(Uri.parse('http://127.0.0.1:8000/api/guru/read/$nip'));
```

5. POST '/guru/create'

- Deskripsi : menambahkan data guru ke database
- Request Parameter:
 - 1. nip (string, required): Guru nip
 - 2. nama (string, required): Guru nama
 - 3. golongan (string, required): Guru golongan
 - 4. pangkat (string, required): Guru pangkat
 - 5. email (string, required): Guru email
 - 6. password (string, required): Guru password
- Response:
 - > Success:

```
{
    "message": "Data berhasil disimpan",
    "data": {
        "nama": "Aziizah",
        "nip": "221511006",
        "golongan": "III/a",
        "pangkat": "III",
        "email": "aziizah@gmail.com",
        "password": "$2y$12$cjyzQ6datlomi53qOHY22.YcegZbMQN8vXvqafSRDYB0laPIKjbva",
        "updated_at": "2024-06-10T00:13:03.000000Z",
        "created_at": "2024-06-10T00:13:03.000000Z",
        "id": 5
}
```

```
String apiUrl = 'http://127.0.0.1:8000/api/guru/create';

try {
    // Kirim permintaan POST ke server
    var response = await http.post(
        Uri.parse(apiUrl),
        body: json.encode(guruData),
        headers: {'Content-Type': 'application/json'},
    );
```

6. PUT '/guru/update/id'

- Deskripsi : melakukan update data guru berdasarkan id
- Request Parameter:
 - 1. id (integer, required): Guru id
- Response:
 - > Success:

```
{
    "message": "Data berhasil diupdate",
    "data": {
        "id": 1,
        "nip": "1234567",
        "nama": "Aziizah Aulia",
        "pangkat": "IV/a",
        "golongan": "IV",
        "email": "kepsek@gmail.com",
        "password": "kepsek123",
        "created_at": "2024-06-09T22:13:36.000000Z",
        "updated_at": "2024-06-10T00:26:14.000000Z"
    }
}
```

• Contoh Penggunaan:

```
String apiUrl =
    'http://127.0.0.1:8000/api/guru/update/${widget.guru['id']}';
```

7. DELETE '/guru/delete/id'

• Deskripsi : menghapus data guru berdasarkan id

- Request Parameter:
 - 1. id (integer, required): Guru id
- Response:
 - > Success:

```
"message": "Data berhasil dihapus",
    "data": null
}
```

```
final apiUrl = 'http://127.0.0.1:8000/api/guru/delete/$id';
final response = await http.delete(
   Uri.parse(apiUrl),
   headers: {'Content-Type': 'application/json'},
);
```

8. GET '/api/penilaian'

- Deskripsi: mengambil data penilaian yang ada dalam database
- Request Parameter : -
- Response
 - > Success:

9. GET '/api/penilaian/id'

- Deskripsi : mengambil data penilaian sesuai dengan id
- Request Parameter:
 - 1. id(integer, required): Penilaian id
- Response
 - > Success:

```
"message": "Data berhasil ditemukan",
"data": {
    "id": 1,
    "judul_penilaian": "RPS",
    "tgl_penilaian": "2024-06-30 00:00:00",
    "created_at": "2024-06-09T18:04:39.000000Z",
    "updated_at": "2024-06-09T18:04:39.000000Z",
}
```

> Error:

```
"message": "Penilaian not found"
```

10. DELETE '/api/penilaian/delete/id'

- Deskripsi : menghapus data penilaian sesuai dengan id
- Request Parameter:
 - 1. id (integer, required): Penilaian id
- Response
 - > Success:

```
{
    "message": "Data berhasil dihapus",
    "data": null
}
```

11. PUT '/api/penilaian/update/id'

- Deskripsi : mengupdate data penilaian sesuai dengan id
- Request Parameter:

- 1. id (integer, required): Penilaian id
- Response
 - > Success:

```
"message": "Data berhasil diupdate",
    "data": {
        "id": 2,
        "judul_penilaian": "RPS",
        "tgl_penilaian": "2024-06-30 00:00:00",
        "created_at": "2024-06-09T18:47:22.0000000Z",
        "updated_at": "2024-06-09T18:47:22.0000000Z"
}
```

12. POST '/api/penilaian/create'

- Deskripsi : membuat data penilaian
- Request Parameter:
 - 1. judul_penilaia (string, required): Penilaian judul_penilaian
 - 2. tgl_penilaian (string, required): Penilaian tgl_penilaian
- Response
 - > Success:

```
{
    "message": "Data berhasil disimpan",
    "data": {
        "judul_penilaian": "Penilaian 7",
        "tgl_penilaian": "2024-10-29",
        "updated_at": "2024-06-10T12:00:13.0000002",
        "created_at": "2024-06-10T12:00:13.0000002",
        "id": 6
}
```

• Contoh Penggunaan:

```
String apiUrl = 'http://127.0.0.1:8000/api/penilaian/create';

var response = await http.post(
   Uri.parse(apiUrl),
   body: json.encode(penilaianData),
   headers: {'Content-Type': 'application/json'},
   );
```

13. GET '/api/komponen'

- Deskripsi : mengambil seluruh data komponen yang ada di database
- Request Parameter : -
- Response:
 - > Success:

14. GET '/api/komponen/id'

- Deskripsi : mengambil data komponen berdasarkan id
- Request Parameter:
 - 1. id(integer, required): Komponen id
- Response
 - > Success:

> Error:

```
"message": "Komponen not found"
```

15. POST '/api/komponen/create'

- Deskripsi : menambah data komponen ke database
- Request Parameter:
 - 1. nama komponen(string, required): Komponen nama komponen
- Response
 - > Success:

Contoh Penggunaan :

```
apiUrl = 'http://127.0.0.1:8000/api/komponen/create';
await http.post(
   Uri.parse(apiUrl),
   body: json.encode(komponenData),
   headers: {'Content-Type': 'application/json'},
```

16. PUT '/api/komponen/update/id'

- Deskripsi : melakukan update data komponen berdasarkan id
- Request Parameter:
 - 1. id (integer, required): Komponen id
- Response
 - > Success:

```
"message": "Data berhasil diupdate",
"data": {
        "id": 1,
        "nama_komponen": "Alat Penilaian Kompetensi Guru",
        "tipe_jawaban": "skor",
        "kesimpulan": 1,
        "created_at": "2024-06-09T19:09:48.0000000Z",
        "updated_at": "2024-06-09T19:09:48.0000000Z"
}
```

```
apiUrl =
    'http://127.0.0.1:8000/api/komponen/update/${widget.komponen!['id']}';
```

```
await http.put(
   Uri.parse(apiUrl),
   body: json.encode(komponenData),
   headers: {'Content-Type': 'application/json'},
);
```

17. DELETE '/api/komponen/delete/id'

- Deskripsi : menghapus data komponen berdasarkan id
- Request Parameter :
 - 1. id (integer, required): Komponen id
- Response
 - > Success:

```
"message": "Data berhasil dihapus",
    "data": null
}
```

• Contoh Penggunaan:

```
string apiUrl = 'http://127.0.0.1:8000/api/komponen/delete/$id';

var response = await http.delete(
   Uri.parse(apiUrl),
   headers: {'Content-Type': 'application/json'},
);
```

18. GET 'api/pertanyaan'

- Deskripsi: menampilkan seluruh data pertanyaan yang ada di database
- Request Parameter : -
- Response
 - > Success:

```
"message": "Success",
"data": [
        "id": 1,
       "id_komponen": 1,
       "pertanyaan": "Kalender Pendidikan?",
       "created_at": "2024-06-10T01:58:16.000000Z",
        "updated_at": "2024-06-10T01:58:16.000000Z"
       "id": 2,
       "id_komponen": 2,
        "pertanyaan": "Analisi KKM?",
        "created_at": "2024-06-10T01:58:16.000000Z",
       "updated_at": "2024-06-10T01:58:16.000000Z"
       "id": 3,
       "id_komponen": 3,
        "pertanyaan": "Daftar Nilai?",
       "created_at": "2024-06-10T01:58:16.000000Z",
       "updated_at": "2024-06-10T01:58:16.000000Z"
```

19. GET '/api/pertanyaan/{id komponen}'

- Deskripsi: mengambil data pertanyaan berdasarkan id komponen yang sesuai
- Request Parameter:
 - 1. id komponen (integer, required) : Pertanyaan (id komponen)
- Response
 - > Success:

```
"message": "Success",
         "data": [
                "id": 1,
                "id_komponen": 1,
                 "pertanyaan": "Kalender Pendidikan?",
                 "created_at": "2024-06-10T01:58:16.000000Z",
                "updated_at": "2024-06-10T01:58:16.000000Z"
            3,
                "id": 4,
                "id_komponen": 1,
                 "pertanyaan": "RPP?",
                 "created_at": "2024-06-10T03:00:31.000000Z",
                "updated_at": "2024-06-10T03:00:31.000000Z"
                "id": 5,
                "id_komponen": 1,
                "pertanyaan": "Silabus",
                 "created_at": "2024-06-10T03:01:01.000000Z",
                 "updated_at": "2024-06-10T03:01:01.000000Z"
> Error:
     £
          "message": "No questions found for this component"
```

20. GET '/api/pertanyaan/read/id'

- Deskripsi : mengambil data pertanyaan berdasarkan id pertanyaan
- Request Parameter:
 - 1. id (integer, required): Pertanyaan id
- Response
 - > Success:

```
{
    "message": "Data berhasil ditemukan",
    "data": {
        "id": 1,
        "id_komponen": 1,
        "pertanyaan": "Kalender Pendidikan?",
        "created_at": "2024-06-10T01:58:16.0000002",
        "updated_at": "2024-06-10T01:58:16.000000Z"
}
```

Error:

```
{
    "message": "Pertanyaan not found"
}
```

• Contoh Penggunaan:

```
final response = await http.get(
   Uri.parse('http://127.0.0.1:8000/api/pertanyaan/read/$idPertanyaan'));
if (response.statusCode == 200) {
   final Map<String, dynamic> responseData = json.decode(response.body);
   if (responseData['data'] != null && responseData['data'].isNotEmpty) {
     return responseData['data']['pertanyaan'];
   } else {
     throw ('Pertanyaan tidak ditemukan');
   }
} else {
   throw ('Gagal mendapatkan pertanyaan');
}
```

21. POST '/api/pertanyaan/create'

- Deskripsi : menambahkan data pertanyaan ke dalam database
- Request Parameter:
 - 1. id komponen (integer, required): Pertanyaan id komponen
 - 2. pertanyaan (string, required): Pertanyaan pertanyaan
- Response
 - > Success:

```
{
    "message": "Data berhasil disimpan",
    "data": {
        "id_komponen": "1",
        "pertanyaan": "Nilai?",
        "updated_at": "2024-06-10T12:13:40.0000000Z",
        "created_at": "2024-06-10T12:13:40.0000000Z",
        "id": 7
    }
}
```

```
apiUrl = 'http://127.0.0.1:8000/api/pertanyaan/create';
```

```
await http.post(
   Uri.parse(apiUrl),
   body: json.encode(pertanyaanData),
   headers: {'Content-Type': 'application/json'},
)
```

22. PUT '/api/pertanyaan/update/id'

- Deskripsi : melakukan update data pertanyaan berdasarkan id
- Request Parameter:
 - 1. id (integer, required): Pertanyaan id
- Response
 - > Success:

```
{
    "message": "Data berhasil diupdate",
    "data": {
        "id": 1,
        "id_komponen": 1,
        "pertanyaan": "RPS?",
        "created_at": "2024-06-10T01:58:16.000000Z",
        "updated_at": "2024-06-10T12:22:10.000000Z"
    }
}
```

• Contoh Penggunaan:

```
apiUrl =
    'http://127.0.0.1:8000/api/pertanyaan/update/${widget.pertanyaan!['id']}';

await http.put(
    Uri.parse(apiUrl),
    body: json.encode(pertanyaanData),
    headers: {'Content-Type': 'application/json'},
);
```

23. DELETE '/api/pertanyaan/delete/id'

- Deskripsi : menghapus data pertanyaan berdasarkan id
- Request Parameter:
 - 1. id (integer, required): Pertanyaan id
- Response
 - > Success:

```
{
    "message": "Data berhasil dihapus",
    "data": null
}
```

```
String apiUrl = 'http://127.0.0.1:8000/api/pertanyaan/delete/$pertanyaanId';
```

24. GET '/api/jawaban'

- Deskripsi : mengambil seluruh data jawaban dari database
- Request Parameter : -
- Response
 - > Success:

```
"message": "Success",
"data": [
       "id": 1,
       "id_penilaian": 1,
       "id_guru": 2,
       "id_komponen": 1,
       "id_pertanyaan": 1,
       "skor": 3,
       "ketersediaan": 1,
       "keterangan": "hai",
       "created_at": "2024-06-10T02:28:29.000000Z",
       "updated_at": "2024-06-10T02:28:29.000000Z"
   3,
       "id": 2,
       "id_penilaian": 1,
       "id_guru": 3,
       "id_komponen": 1,
       "id_pertanyaan": 1,
       "skor": 5,
       "ketersediaan": 1,
       "keterangan": "lengkap",
       "created_at": "2024-06-10T03:02:22.000000Z",
       "updated_at": "2024-06-10T03:02:22.000000Z"
```

25. GET '/api/jawaban/{id_penilaian}/{id_guru}/{id_komponen}'

- Deskripsi : mengambil data pertanyaan berdasarkan id_penilaian, id_guru, dan id_komponen yang sama
- Request Parameter:
 - 1. id penilaian (integer, required): Jawaban id penilaian
 - 2. id guru (integer, required): Jawaban id guru
 - 3. id komponen (integer, required): Jawaban id komponen
- Response
 - > Success:

```
"success": true,
         "message": "Data jawaban ditemukan",
         "data": [
                "id": 2,
                "id_penilaian": 1,
                 "id_guru": 3,
                 "id_komponen": 1,
                "id_pertanyaan": 1,
                 "skor": 5,
                 "ketersediaan": 1,
                "keterangan": "lengkap",
                 "created at": "2024-06-10T03:02:22.000000Z",
                 "updated_at": "2024-06-10T03:02:22.000000Z"
                "id": 3,
                "id_penilaian": 1,
                 "id_guru": 3,
                 "id_komponen": 1,
                "id_pertanyaan": 4,
                 "skor": 4,
                "ketersediaan": 1,
                "keterangan": "kelengkapan kurang",
                 "created_at": "2024-06-10T03:02:23.000000Z",
                 "updated_at": "2024-06-10T03:02:23.0000002"
> Error:
           "success": false,
           "message": "Data jawaban tidak ditemukan",
           "data": null
```

```
final response = await http.get(Uri.parse(
    'http://127.0.0.1:8000/api/jawaban/${widget.idPenilaian}/${widget.idGuru}/${widget.idKomponen}'));

if (response.statusCode == 200) {
    final Map<String, dynamic> responseData = json.decode(response.body);
    return List<Map<String, dynamic>>.from(responseData['data']);
} else {
    throw ('Penilaian Belum Dilakukan');
}
```

26. GET '/api/jawaban/{id penilaian}/{id guru}/{id komponen}/{id pertanyaan}'

- Deskripsi : mengambil data pertanyaan berdasarkan id_penilaian, id_guru, id_komponen, dan id_pertanyaan yang sama
- Request Parameter:
 - 1. id penilaian (integer, required): Jawaban id penilaian
 - 2. id guru (integer, required) : Jawaban id guru
 - 3. id komponen (integer, required): Jawaban id komponen
 - 4. id pertanyaan (integer, required): Jawaban id pertanyaan
- Response
 - > Success:

```
"success": true,
    "message": "Data jawaban ditemukan",
    "data": {
        "id_penilaian": 1,
        "id_guru": 3,
        "id_komponen": 1,
        "id_pertanyaan": 1,
        "skor": 5,
        "ketersediaan": 1,
        "keterangan": "lengkap",
        "created_at": "2024-06-10T03:02:22.0000002",
        "updated_at": "2024-06-10T03:02:22.0000002"
}
```

> Error:

```
{
    "success": false,
    "message": "Data jawaban tidak ditemukan",
    "data": null
}
```

• Contoh Penggunaan:

```
final response = await http.get(Uri.parse(
    'http://127.0.0.1:8000/api/jawaban/${widget.idPenilaian}/${widget.idGuru}/${widget.idKomponen}/$idPertanyaan'));

if (response.statusCode == 200) {
    final Map<String, dynamic> responseData = json.decode(response.body);
    return responseData['data'];
} else {
    throw ('Gagal mendapatkan jawaban dan skor');
}
```

27. POST '/api/jawaban/create'

- Deskripsi : menambahkan data jawaban ke dalam database
- Request Parameter:
 - 1. id penilaian (integer, required): Jawaban id penilaian
 - 2. id guru (integer, required): Jawaban id guru
 - 3. id komponen (integer, required): Jawaban id komponen
 - 4. id pertanyaan (integer, required): Jawaban id pertanyaan
 - 5. skor (integer, required): Jawaban skor
 - 6. ketersediaan (integer, required): Jawaban ketersediaan
 - 7. keterangan (string, required) : Jawaban keterangan
- Response
 - > Success:

```
{
    "message": "Data berhasil disimpan",
    "data": {
        "id_penilaian": "4",
        "id_guru": "3",
        "id_komponen": "1",
        "skor": "5",
        "ketersediaan": "1",
        "keterangan": "lengkap",
        "updated_at": "2024-06-10T12:38:01.0000002",
        "created_at": "2024-06-10T12:38:01.0000002",
        "id": 8
}
```

```
final response = await http.post(
   Uri.parse('http://127.0.0.1:8000/api/jawaban/create'),
   headers: {'Content-Type': 'application/json'},
   body: json.encode({
     'id_penilaian': widget.idPenilaian,
     'id_guru': widget.idGuru,
     'id_komponen': widget.komponenId,
     'id_pertanyaan': idPertanyaan,
     'skor': skor,
     'ketersediaan': ketersediaan,
     'keterangan': keterangan,
   }),
);
```