End User License Agreement (EULA) for iBVP Dataset from UCL Computer Science

About iBVP Dataset: The iBVP dataset is a collection of synchronized RGB and thermal infrared videos with PPG ground-truth signals acquired from an ear. The PPG signals are marked with manual signal quality labels, as well as with the SQA-PhysMD model trained and validated to conduct dense (per-sample) signal-quality assessment. The data acquisition protocol was designed to inducing real-world variations in psycho-physiological states, as well as head movement. Each participant experienced four conditions, including (a) rhythmic slow breathing and rest – "A," (b) an easy math task – "B," (c) a difficult math task – "C," and (d) a guided head movement task – "D."

RGB and thermal cameras were positioned in front of the participant at around a 1 m distance. A webcam (Logitech BRIO 4K UHD) was used to capture RGB video frames with 640 × 480 resolution, while thermal infrared frames were captured using thermal camera (A65SC, FLIR system) having 640 × 512 resolution. Frame-rate was set to at 30 FPS for both RGB and thermal acquisition. With 123 sessions, each lasting 3 minutes, the dataset comprises 369 minutes (about 6 hours) of RGB–Thermal video recordings. Further details about the contents and the usage of iBVP dataset can be found here. Please note that the data of participant ID "p16" was removed from the dataset due to consent.

Agreement

By signing this document, the users, they who will make use of the released part of the iBVP dataset (RGB video features, thermal video frames, PPG signals, signal quality labels for PPG signals), agree to the following terms:

1. **Commercial use:** The purpose of the use is only non-commercial research. The user is not allowed to use the dataset for any commercial purposes. For this reason, we will grant permission only to academic institutes (i.e., universities). Commercial purposes include, but are not limited to:
   - training or proving the efficiency of commercial systems,
   - using screenshots/plots of data from the dataset in advertisements,
   - selling data from the dataset,
   - creating military applications,
   - developing governmental systems used in public spaces.
2. **Responsibility:** The user must have one fixed email associated with his/her working place, and the EULA needs to be signed with the affiliated email address. In the case of students in universities or contractual employees who do not have a fixed affiliated email address, the EULA should be signed by an academic supervisor. The supervisor

should sign with an email address affiliated with the university or the organization and fill in all the associated students/employees' names. A supervisor can sign for multiple students/research staff who intend to use the dataset for academic and non-commercial research. In this case, 'the user' indicates all persons listed in the EULA form, including the signer and the associated persons. The signer is fully responsible for all the associated users in case of any issue related to violation of the EULA.

3. **Data Storage and Distribution:** The data should be downloaded to a safe place with limited access. The data should not be made accessible on any server path that could potentially be accessed by other people. The user must not distribute or broadcast the database or portions in any form, except for using small portions of data for the exclusive purpose of clarifying academic publications or presentations by abiding the following conditions:
   - Only show the identity-masked real facial image if a drawing or fake face will not be enough for the illustration purpose.
   - Only use the least number of facial images as absolutely needed.
   - Facial images should not be linked with any trait of personal info.

4. **Publications:** Publications include not only papers, but also presentations for conferences or educational purposes. All documents, presentations and papers that report research that uses the iBVP Dataset shall acknowledge this by citing the following papers:
   - Joshi, Jitesh, and Youngjun Cho. 2024. "iBVP Dataset: RGB-Thermal rPPG Dataset with High Resolution Signal Quality Labels" Electronics 13, no. 7: 1334. https://doi.org/10.3390/electronics13071334
   - Joshi, Jitesh, Katherine Wang, and Youngjun Cho. 2023. "PhysioKit: An Open-Source, Low-Cost Physiological Computing Toolkit for Single- and Multi-User Studies" Sensors 23, no. 19: 8244. https://doi.org/10.3390/s23198244

5. **Changes:** The iBVP Dataset administrators reserve the right to change this EULA at any time; users will be informed about changes beforehand and given the choice to opt out of the new EULA. Opting out will render the previous EULA void (and thus the user will lose their right to use the dataset).

6. **Warranty:** The dataset comes without any warranty, the iBVP Dataset administrators cannot be held accountable for any damage (physical, financial, or otherwise) caused using the dataset.

7. **Misuse:** If at any point, the administrators of iBVP dataset and/or the provider have a reasonable doubt that the user does not act in accordance with this EULA, he/ she

will be notified of this and will immediately be declined further use of and access to the dataset.

8. **Access:** The user may only use the dataset after this End User License Agreement (EULA) has been signed and returned to the provider. The signed EULA should be returned in digital format by email to Jitesh Joshi and Dr. Youngjun Cho (in cc):

   o Emails: jitesh.joshi.20@ucl.ac.uk; youngjun.cho@ucl.ac.uk
   o Subject of the email: EULA for iBVP Dataset
   o If the correspondence is managed by student/ research-staff, the supervisor who has signed the EULA shall be copied in the email.

Upon receipt of the EULA, access will be given to the dataset. The user may not transfer/share this access to the dataset to/with anyone. The user may not grant anyone access to the dataset by giving out their username and password if any was provided.

If you fully understand and agree to the contents, please fill in the form and sign. The EULA must be filled in, printed out, hand signed, scanned into PDF format, named as 'EULA_iBVP-Dataset_Signer's-Name.pdf,' and sent to above mentioned email addresses.

Signer's Name:	Signer's Title:
Affiliation (Institute or University) and Address:	
Work email (at affiliation):	
*In case of signing for a group of students/research-staff, please list all associated names & email addresses here:	

	Name	E-mail Address
1		
2		
3		
4		
5		

Signature	Date